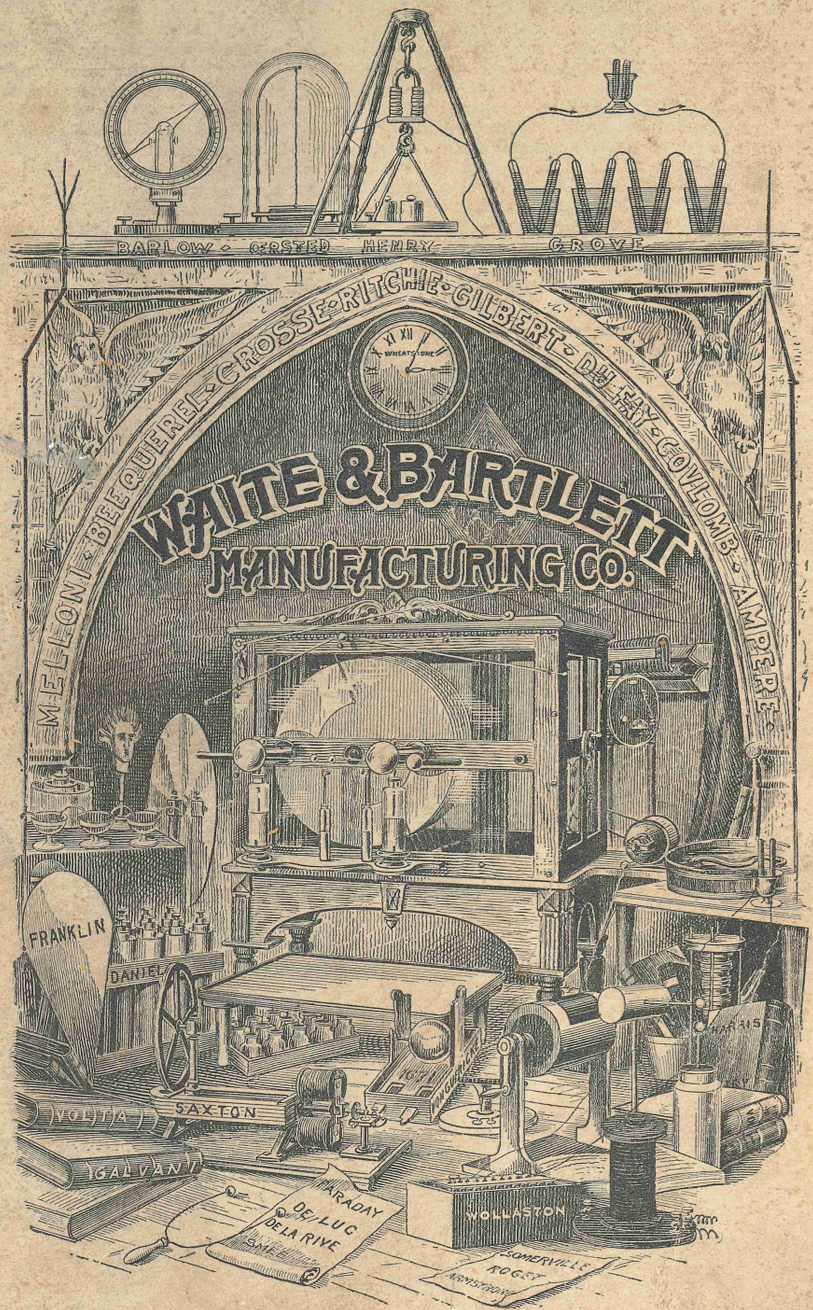
Waite & Bartlett M'f'g Co.

TRADE MARK

New York.



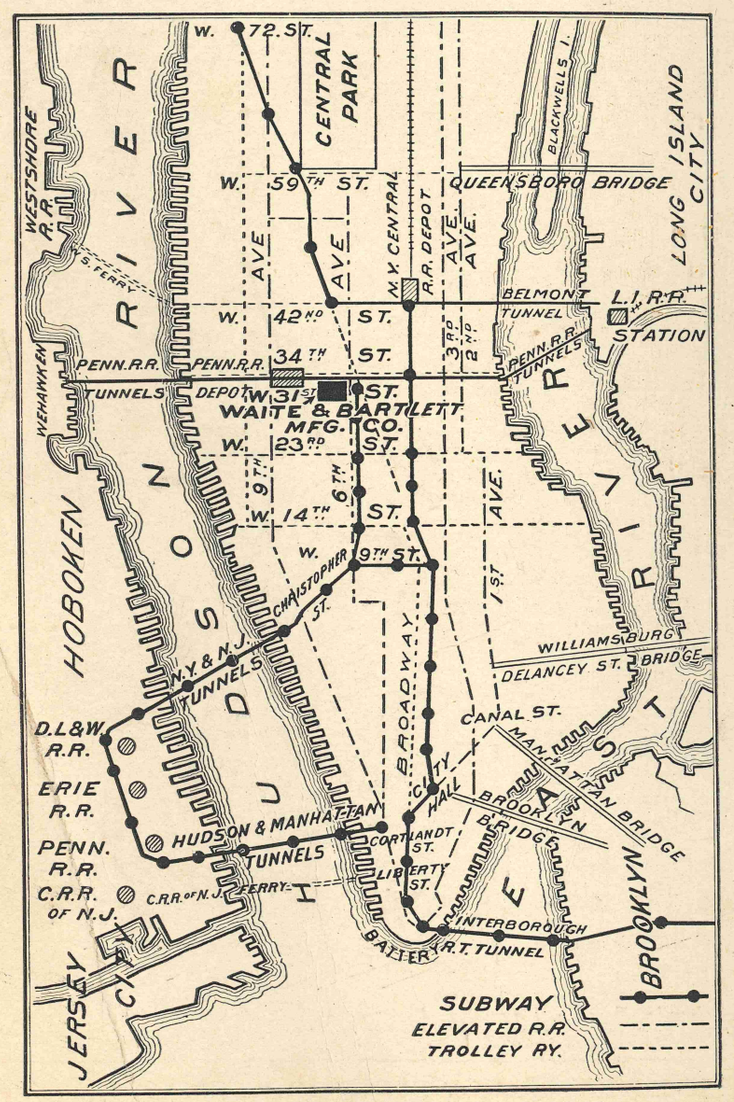
Galvanic, Faradic, Sinusoidal Apparatus. Batteries, Electrodes, Oscillators, Ozone Generators. Electric Baths, Electro Medical and Surgical Instruments

113-115-117 West 31st Street, New York, N. Y., U. S. A.

TWENTY-THIRD EDITION.

Our office, Salesroom and Factory as you will see by the map are located in the most convenient part of the City, and exceedingly easy of access. The new Penna Railroad Station where all Penna and Long Island Trains will arrive, is only half a block away. The Delaware, Lackawanna and Western, Erie and Penna Railroad entering Jersey City, N. J. connect with the New York and New Jersey Tunnels which will bring you to 32nd Street and 6th Avenue, one block away. The Central Railroad of New Jersey arriving at 23d Street, West Shore Railroad, New York Ontario and Western Railroad at West 42d Street and New York Central and New York, New Haven and Hartford Railroad at 42d Street and Park Avenue, connect with Trolley lines running to 31st Street and 6th Avenue ¼ of a block away, making it very convenient for our out of City patrons. All the prominent Hotels are right in our midst.

Our Patrons of Greater New York, by consulting the map will see that the new Subways, Bridges and Trolley lines will bring them direct to our office.



WAITE & BARTLETT MFG. CO. TRADE MARK NEW YORK

1910

..Illustrated Catalogue..

AND

Price List

Twenty-Third Annual Edition

Waite & Bartlett Manufacturing Co.

Incorporated Under the Laws of the State of New York.

MANUFACTURERS OF

Galvanic, Faradic, Sinusoidal Apparatus.

Batteries, Electrodes, Oscillators, Ozone Generators.

Electric Baths

AND ALL STYLES OF

Electro-Medical and Surgical

Instruments for Physicians and Surgeons.

113-115-117 West 31st Street, New York City.

Telephone, 5795 Madison Square.

Terms and Suggestions

OUR GUARANTEE

We guarantee every article manufactured by us to give absolute and perfect satisfaction.

TERMS

We endeavor to do a strictly cash Business, so as to give our customers the benefit of low prices.

Pay cash if possible and take advantage of our liberal discount, which will be given on request.

CREDIT

We extend credit to reliable parties.

New customers desirious of opening account, must furnish satisfactory Business or Bank Reference, which should accompany order; if this is not done there will necessarily be delay in shipping; while we look up your credit.

C. O. D. SHIPMENTS

C. O. D. orders for $5.00 or more will be accepted if one-third of the amount is remitted with order, under $5.00 remittance must accompany order.

EXPORT ORDERS

Cash for full amount must accompany all orders or, a remittance can be sent to some reliable commission merchant, with instructions to turn the said cash over to us upon presentation of invoice when goods are ready for shipment.

APPARATUS MADE TO ORDER

Whenever Instruments or Apparatus has to be made specially, a deposit equal to 25 per cent of their approximate value is to be paid in advance. Such special goods cannot be returned for credit or exchanged.

SHIPMENTS

Shipping directions should accompany each order. In their absence we will use our best judgment in making the selection of route.

Goods ordered to be shipped by mail will only be sent at purchaser's risk of loss or damage. Always state whether shipment is to be made by express, freight or mail.

BREAKAGE

We guarantee all our goods against any breakage (**with the exception of X-ray tubes**) while in transit via Railroad Routes in the United States, Mexico and Canada. Should any breakage occur in transit, we will duplicate any such parts, provided said breakage is reported within ten days.

PACKING AND SHORTAGE

All goods are carefully packed by experienced men, after double comparison with order, but should any shortage occur, all claims for same must be made within ten days from receipt of goods.

GOODS RETURNED

When goods are returned for credit or exchange, the name of the sender should be plainly marked on the package and a letter of advice mailed to us that prompt and proper disposition of the same may be made on delivery here.

REMITTANCES

May be made by N. Y. Draft, Check, Post Office or Express Money Order or Registered letter.

PRICES

All former prices are hereby annulled.

All prices are subject to change without notice.

We will cheerfully and promptly answer all inquiries for prices, discounts and description of articles.

IMPORTANT

When inquiring or ordering Apparatus, always state whether it is to be used on direct or alternating current.

If direct current, give voltage.

If alternating current, give voltage and cycle.

PARCEL POST

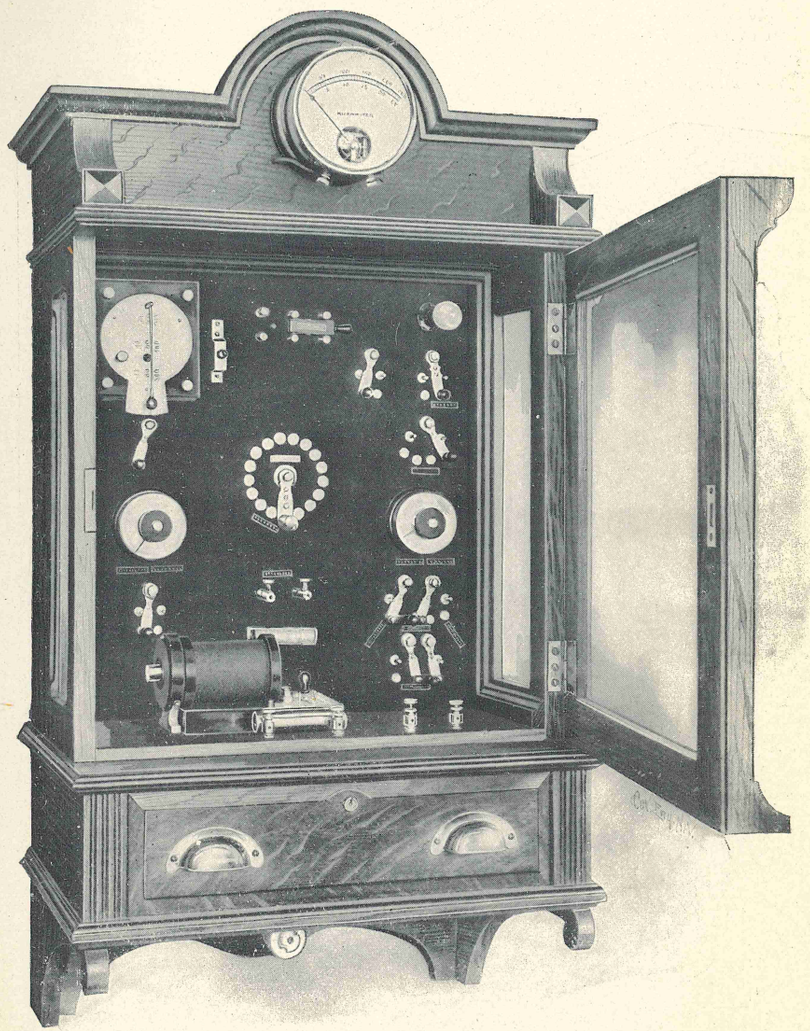
Shipments can be made by parcel post to foreign countries at very low rates.

Inquire at your Post Office for full information.

Special Combination Wall Cabinet

FOR DIRECT CURRENT

No. 174



Price for Direct Current . $150.00

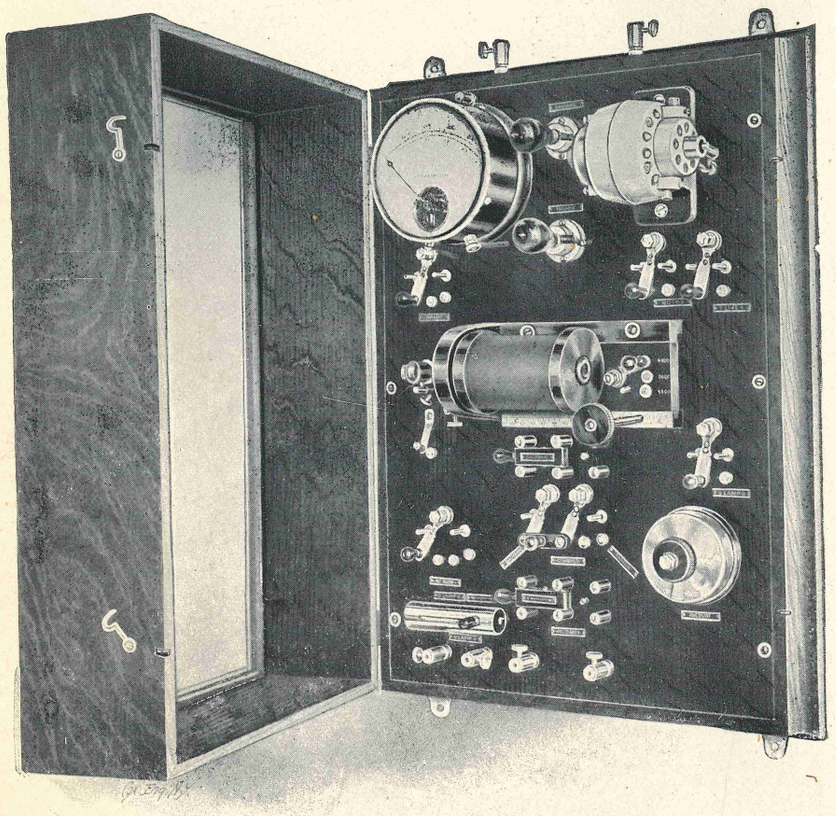
Price for Alternating Current . 170.00

For description see page 19

Galvanic, Faradic, Combined, Sinusoidal, and Lamp Illuminating Wall Cabinet

FOR DIRECT CURRENT

No. 187



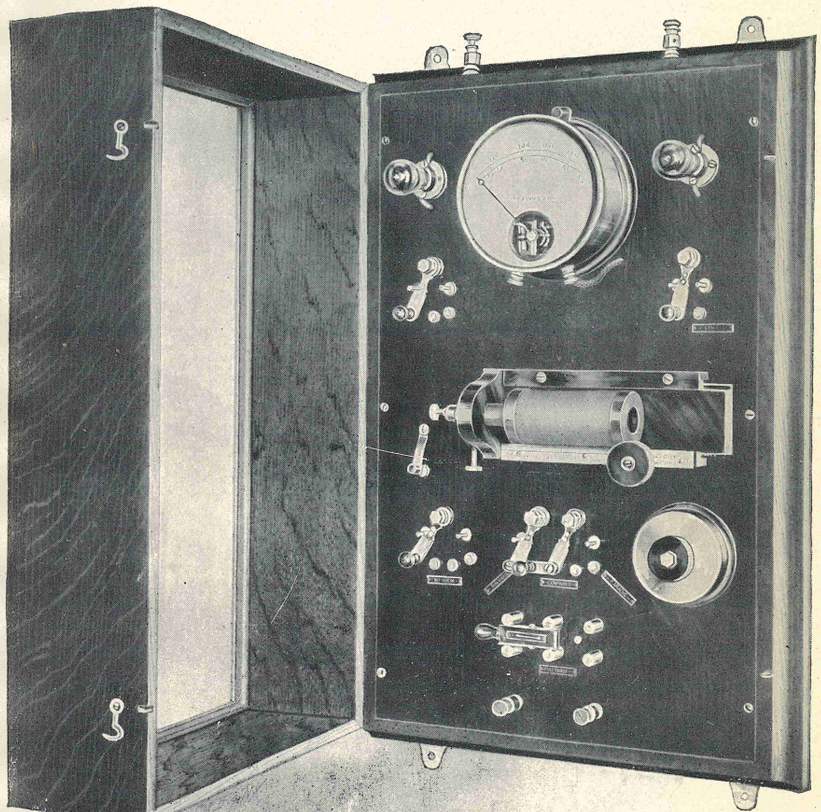
Price	$105.00
Price without Sinusoidal attachment	85.00
Price to operate on alternating current	$20.00 extra

For description see page 19

Galvanic, Faradic, and Combined Currents Wall Cabinet

FOR DIRECT CURRENT

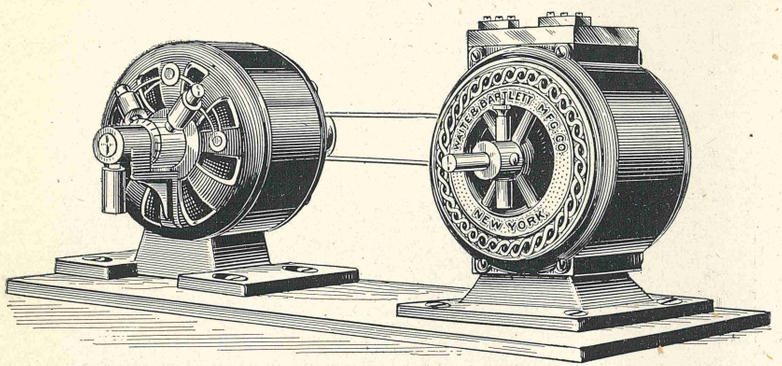
No. 19



Price	$55.00
Price with Lamp Rheostat	60.00
Price with Lamp Rheostat and Sinusoidal attachment	80.00
Price to operate on alternating current	$20.00 extra

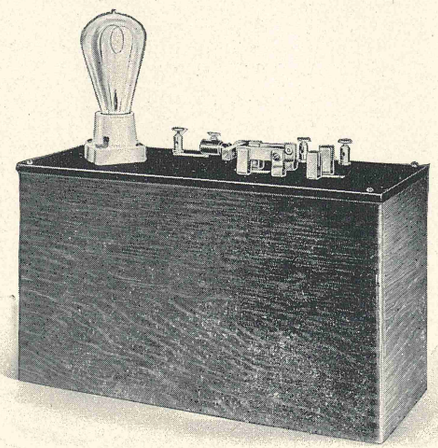
For description see page 19

Motor Generator



The above illustration shows our motor generator. The motor operating on an alternating current, the dynamo generating a direct current suitable for operating wall plates and other devices requiring not more than half an ampere. The price depends upon the motor current. Always state what circuit you intend using this on, when inquiring for price. This apparatus is not very often used at the present time, except on the 500 Volt current.

Special Three Cell Rectifier

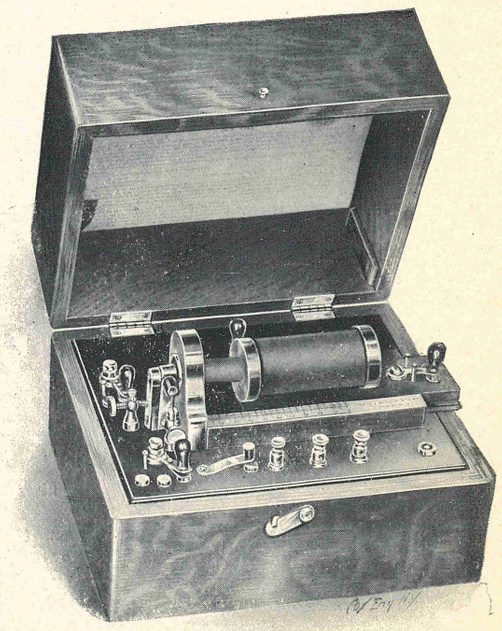


Price - $20.00

For alternating current service we recommend our special three cell rectifier with condensor which gives a most suitable current for operating galvanic and faradic wall plates.

Faradic Dry Cell Batteries

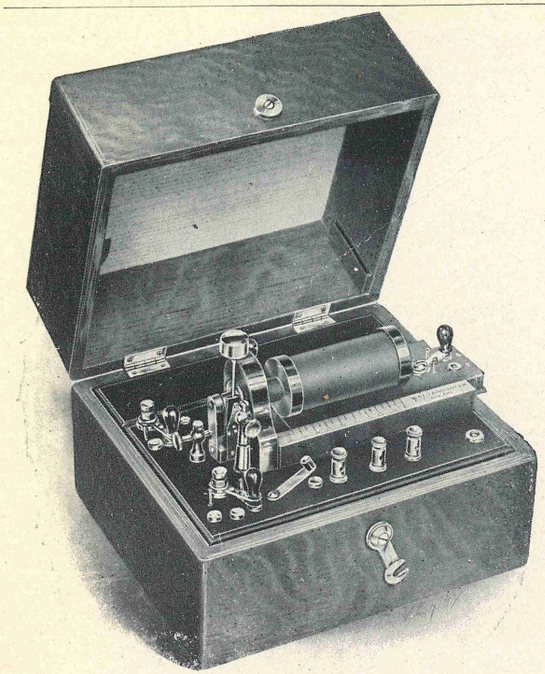
No. 35
PRICE
$7.50



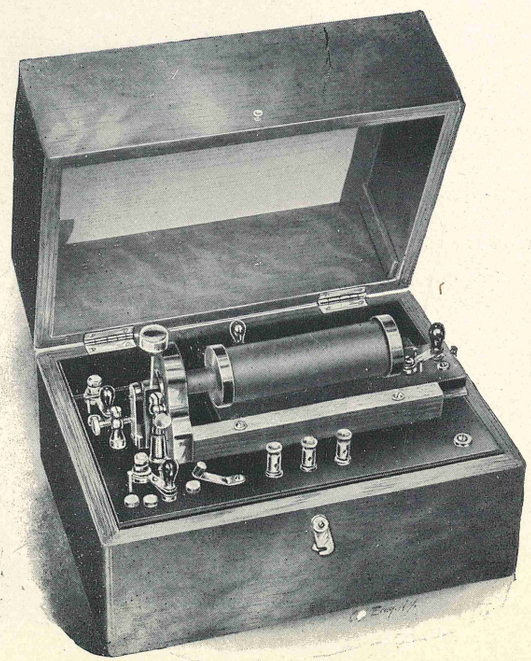
No. 35½
PRICE
$15.00

For description see page 18

Faradic Dry Cell Batteries



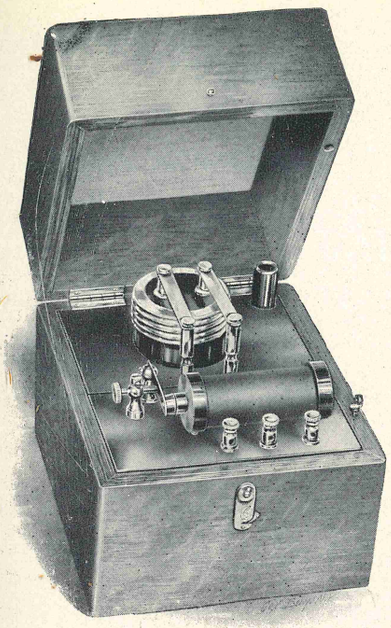
No. 32
PRICE
$20.00



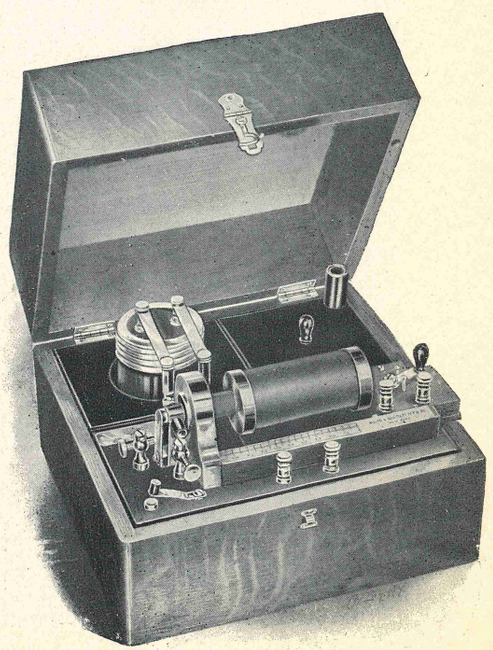
No. 33
PRICE
$25.00

For description see page 18

Faradic Wet Cell Batteries

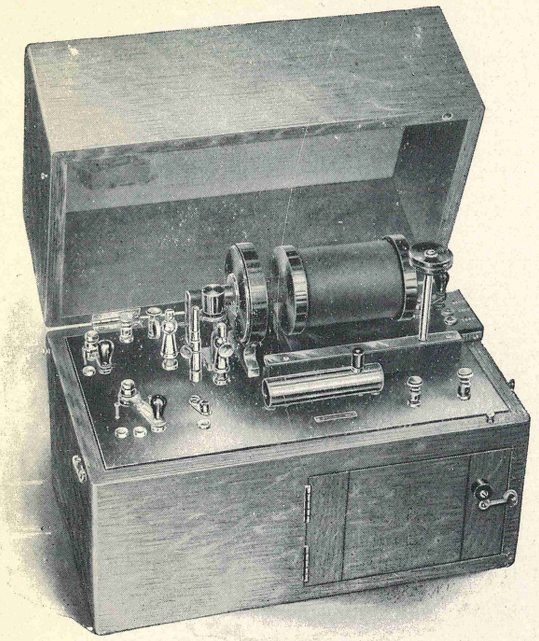


No. 30
PRICE
$7.50



No. 31
PRICE
$15.00

For description see page 18



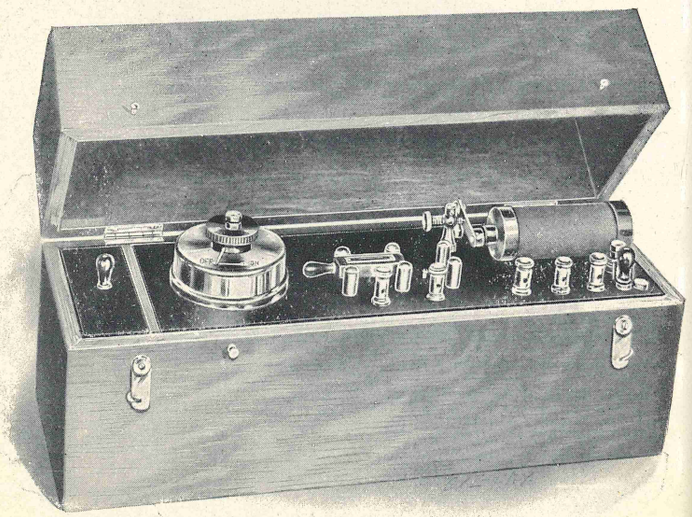
Faradic Battery

No. 34

Englemann with High Tension Coils

Price - $50.00

Combination Galvanic and Faradic Battery



No. 168

PRICE

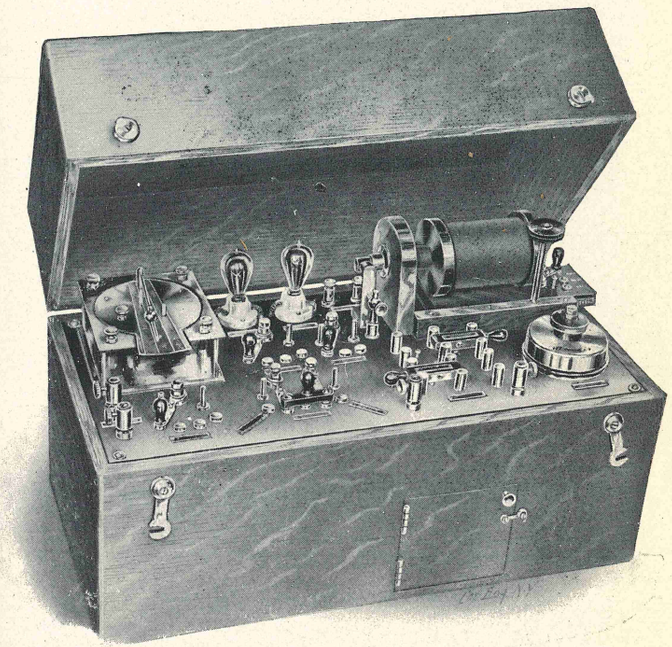
$25.00

For description see page 18

Special Combination Portable Apparatus

Englemann High Tension Faradic, Galvanic, Combined Automatic Rheotome. For Direct Current

No. 27



Price Complete	**$93.00**
Price with No. 2 Faradic Coil in place of Englemann High Tension	**68.00**
Price without Rheotome	**less 8.00**
Price with Sinusoidal Attachment for Alternating Current	**extra 15.00**
Price for Sinusoidal Attachment for Direct Current	**extra 20.00**

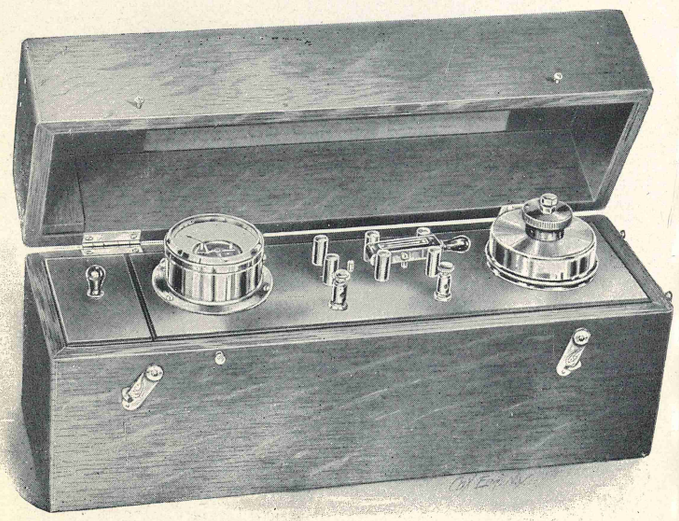
If the purchaser is not provided with electric light current the galvanic and faradic part can be operated with dry cells.

Price of Cells . $7.00

For description see page 18

Galvanic Dry Cell Batteries

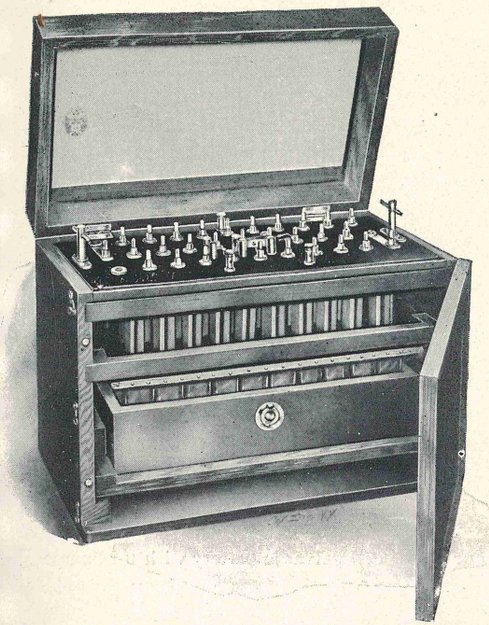
No. 39
15 Cell with Rheostat
PRICE
$15.00



No. 41

21 Cells with Rheostat and Milliampere Meter
Price - $30.00
For description see pages 18-19

Galvanic Batteries



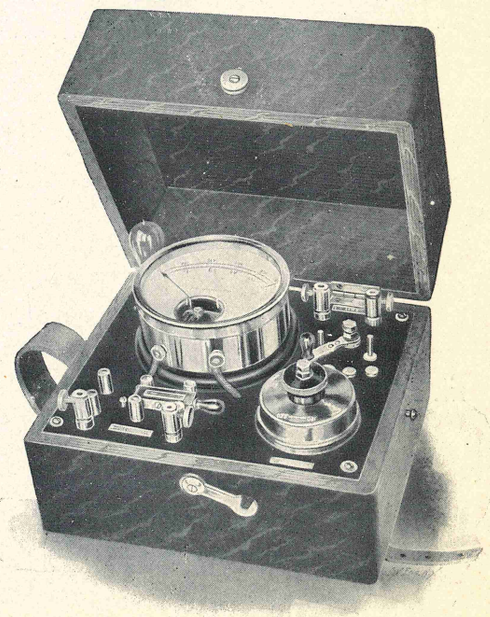
Wet Cell
No. 189

PRICE

Six Cells .	**$12.00**
Twelve Cells	**18.00**
Sixteen Cells	**25.00**
Twenty Cells	**30.00**
Thirty Cells	**35.00**

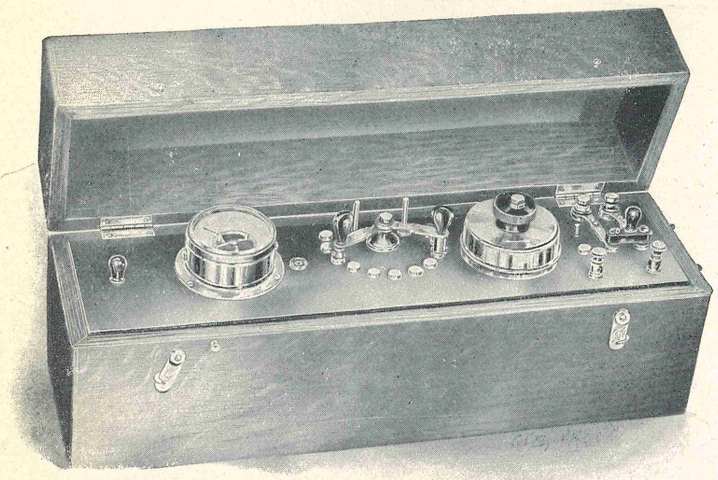
To Operate on Electric Light Current
No. 37

PRICE
For 110 Volt Direct Current
$35.00
For 110 Volt Alternating Current
$55.00



For description see page 19

Galvanic Batteries with Dry Cells



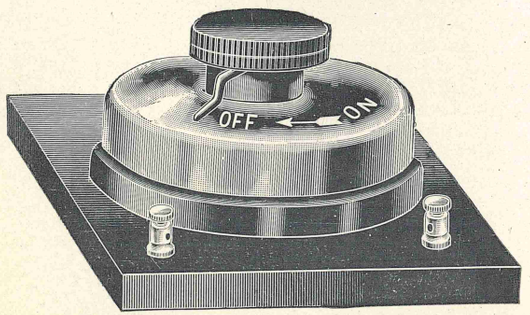
No. 188

The above cut illustrates our 30 dry cell galvanic battery with milliampere meter, current selector, rheostat and pole changer.

15 Cells with Rheostat	$15.00	net
15 " " " and Milliampere Meter	25.00	"
21 " " "	20.00	"
21 " " " and Milliampere Meter	30.00	"
24 " " " and Pole Changer	22.00	"
24 " " " " " " and Milliampere Meter	32.00	"
30 " " " " " " " " "	35.00	"
30 " " " Milliampere Meter, Pole Changer and Current Selector	40.00	"

W. and B. Graphite Rheostat

No. 29



Price - $7.50

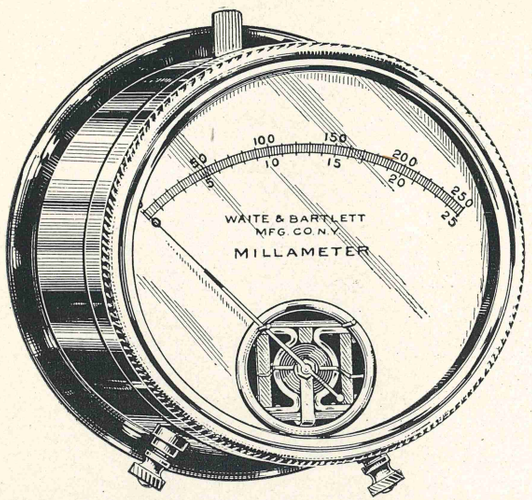
Extra Parts

Faradic Element, complete		$2.00
" Glass Cells		.50
" Dry Cells		.25
" Carbons		.15
" Zincs		.15
" Zinc Rings		.25
" Hard Rubber Cap		.50
" Soft Rubber Cap		.10
" Vibrators		.75
" Vibrator Screw, Platinum Point		.75
Galvanic Zincs		.15
" Carbons		.15
" Glass Cells		.20
" Zinc and Carbon Holder		.10
" Dry Cells, 3 to a set		.50
Wedge Cell, complete		1.10
Wedge Cell Zinc		.20
" " Carbons		.14
" " Jar Covers		.15
" " Jars		.20
Tex Cell, complete		.76
Tex Cell Bag Elements		.36
" " Zinc		.09
" " Jar Covers		.10
" " Jars		.20

Wedge Cells take the place of Vole Cells.
Tex Cells take the place of Axo Cells.

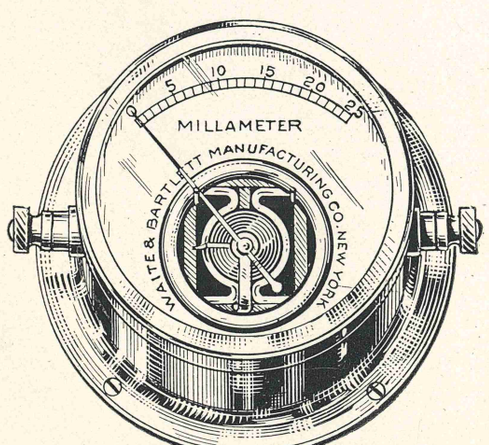
Sal Ammoniac	4 oz. package	.07
Conducting Cords	10 foot	1.00
" "	5 "	.50
" Cord (Lamp)		1.00
Cord Tips		.03
Binding Posts		.10
Battery Box Straps		.50
Fluid, for Batteries	gallon	1.10
" " "	½ "	.60
" " "	1 quart	.40
" " "	1 pint	.25

Milliampere Meters



Price Reading 0 to 25 and 0 to 250 . **$17.00**

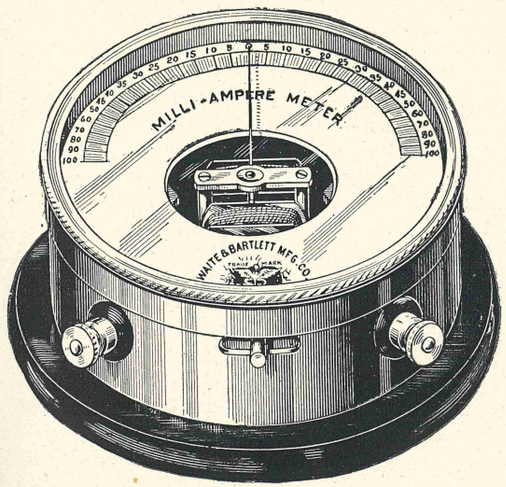
This milliampere meter is of the d'Arsonval type having a moving coil. Special scale to order.



Price Reading 0 to 25 . . **$8.00**
Price Reading 0 to 5 and 0 to 50 . **10.00**

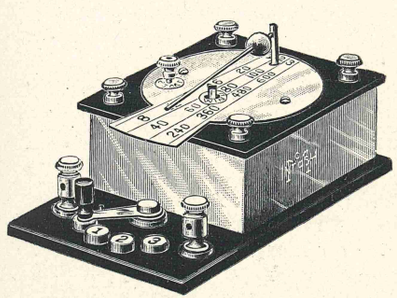
This milliampere meter is of the d'Arsonval type having a moving coil.

Milliampere Meter.



Price Reading 0 to 100 . . **$9.00**
Price Reading 0 to 30 and 0 to 150 **10.00**
Price Reading 0 to 20 and 0 to 400 . **10.00**

Graduated Automatic Rheotome



Price **$8.00**

This instrument may be introduced into either the Faradic or Galvanic Circuit, and can be used with any style of Battery. Can be adjusted so as to furnish from 8 to 660 interruptions per minute.

Description of Batteries

No. 35.—Family Faradic Battery (Dry Cell) made at the suggestion of a number of physicians who wished their patients to use mild currents of electricity. With care it will last for years.

No. 35½ — Faradic Battery (Dry Cells) is a great favorite with physicians, having a number of the essentials which obtain in our more expensive Faradic Battery, and when stronger currents are required it is prescribed by physicians. It has a fast and slow vibrator, also a single contact key for producing contraction of a single muscle. There is a switch so that when the cover is closed the current is automatically turned off.

No. 32. Faradic Battery. (Dry Cells). This is of the same style as 35½, but has a longer secondary coil.

No. 33. Faradic Battery (Dry Cells) the same style as No. 32 but with a still more powerful secondary coil which can be used for electric baths. This style of battery is also used in life saving and police stations and also in all operating rooms, as it is the most powerful stimulent in cases of suspended animation from any cause whatever.

No. 30. Faradic Battery (Wet Cell). The same style as No. 35 except that a wet cell battery is used in the place of dry cell battery.

No. 31. Faradic Battery (Wet Cell.) The same style as 35½ except that a wet cell battery is used in place of a dry cell battery.

No. 34. Englemann Portable Faradic Battery (Dry Cells), having three separate secondary coils. The fine coil (three coils in one) tapped at 1500, 3000 and 4500 feet. The medium wire coil and a course wire coil, either may be used according to the effect it is desired to produce; as for instance, the coarse wire coil for muscular contractions, the high tension coil for the relief of pain. The medium wire coil for muscular contractions having both electrodes in contact with the skin. There is a rapid and slow interrupter, a contact key used for giving a single impulse, a rheostat in the primary circuit for regulating this current. There is a mechanical device, whereby the secondary coils are gradually moved so that there is no danger of giving an unexpected shock. This battery was designed particularly for use in gynaecological practice by Dr. G. J. Englemann.

No. 168. Combination Galvanic and Faradic Dry Cell Battery. There are 21 dry cells for the galvanic part, rheostat and pole changer. The Faradic coil is the same as No. 35, thus making a most convenient combination for general practice. The dry cells can be readily changed.

No. 27. Special Combination Galvanic and Faradic Apparatus Portable to Connect with the Commercial Electric Light Service. This is intended particularly for Hospital Service as it can be easily moved from ward to ward connecting with an ordinary electric light outlet. This style of apparatus is now used at St. Luke's Hospital this city.

No. 39. 15 Dry Cell Galvanic Battery with Rheostat. This is intended particularly for the removal of superfluous hairs, warts, moles, etc. It does not require any attention and the cells will last from eight months to a year without renewal.

No. 41. 21 Dry Cell Galvanic Battery with Milliampere, Rheostat and Pole Changer.

No. 189. Portable Acid Galvanic Battery. This makes the most portable and at the same time convenient wet battery on the market. The current strength per cell is 1.90 volts, and in its construction the high electromotive force is not cut down by complicated connections, so usual and unnecessary. A twenty cell battery of this form is equal in strength to those of twenty-four cells, as usually manufactured. A thirty cell will give sufficient strength for Apostoli's Method of treating Fibroid tumors. Resistance forms an important factor toward a perfect understanding of the capabilities of a galvanic battery and briefly stated may be called an impedance placed in a circuit by which the flow of the current is lessened, therefore the amount of current depends on the resistance in the circuit. With one electrode in each hand, and the entire thirty cells turned on, your Milliampere Meter would probably only register about 5 to 10 milliamperes. Why? Because the resistance of the whole body is in the circuit. This varies in different individuals from 5,000 to 10,000 ohms, therefore, 5 milliamperes would indicate a very good current. Now with same number of cells in circuit, change one of the electrodes over to the wrist or arm holding the other electrode and notice the reading of the milliampere meter and you will see at a glance what resistance means.

No. 37. A Portable Galvanic Controller for use on the commercial electric light circuit. This has a milliampere meter having a double scale "0 — 25" and "0 — 250" or if desired the scales can be "0 — 5" and "0 — 50" a volt selector, pole changer and rheostat. This makes a most convenient apparatus, and is suitable for all kinds of galvanic work. It is also made up in wall plate style at the same price.

Descriptions of Combination Cabinets

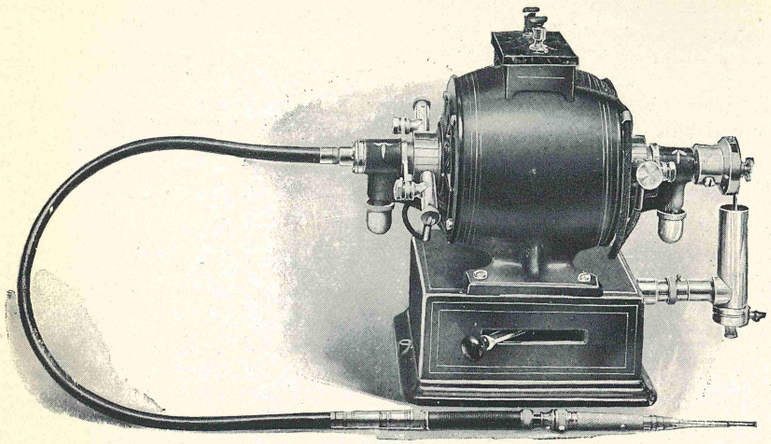
No. 174. From this cabinet the following currents can be obtained:

Galvanic; Faradic; Combined Galvanic and Faradic; Sinusoidal; Current to Operate Cautery Burners; Current to Operate Miniature Lamps. The milliampere meter has a double scale "0 — 25" and "0 — 250" and is of the moving coil type, the pointer moving nearly one-quarter of an inch for one milliampere. There is a mechanical interrupter for use in the galvanic, faradic and sinusoidal current circuits. The motor generator which generates the sinusoidal current also has a rotary interrupter for use in the primary circuit of the faradic so that there is no vibrator to bother with in adjusting. The faradic part consists of our famous Englemann High Tension Faradic Apparatus. The base is highly polished black slate. This makes a most complete wall cabinet for using the electric light service.

No. 187 Is A Wall Plate For Using The Commercial Electric Light Service. The base is highly polished black slate, milliampere meter, double scale, moving coil type, a volt selector, pole changer, rheostat and Englemann High Tension Coil, a small rheostat for operating miniature lamps and a small motor generator for the sinusoidal current.

No. 19. Wall Plate For Using Commercial Current, having a milliampere meter, double scale, moving coil type, volt selector, pole changer, a DeWattville switch and same faradic coil as used on battery No. 35½.

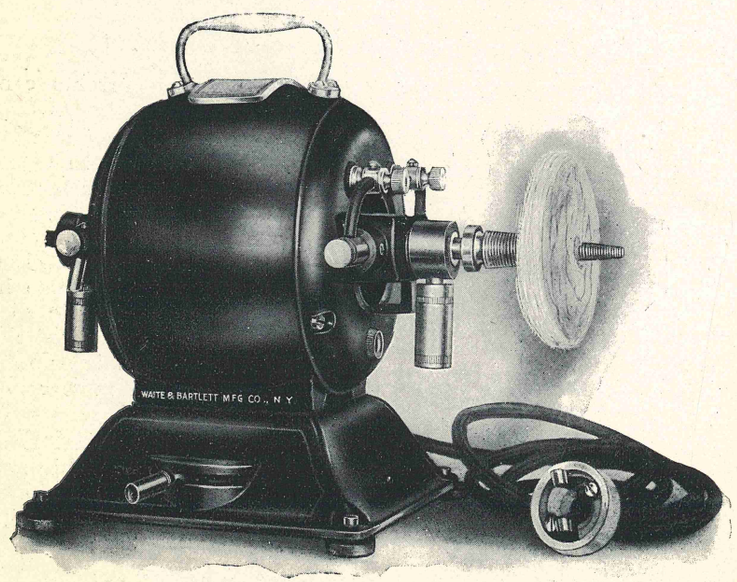
Cautery Generators for 110 Volt Direct Current



No. 102

This motor generator will do all kinds of cautery work for nose, throat, etc. It can also be used to operate miniature lamps. One side is fitted so that a flexible shaft can be attached for bone drills. At the other end can be attached the ear massage pump with a three way valve.

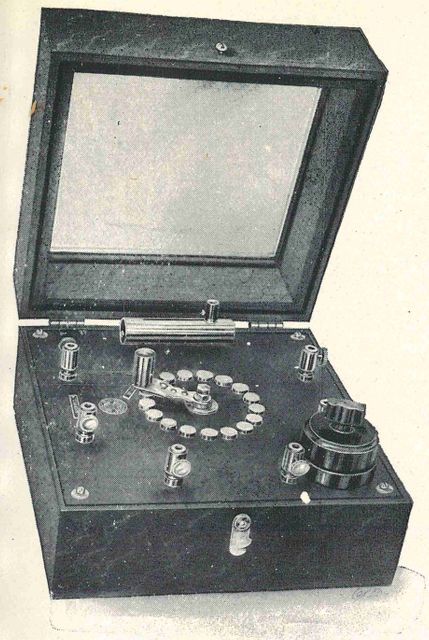
Price of the motor generator **$35.00**
Flexible shaft and handpiece..... ..... **15.00**
Ear massage **15.00**



No. 180

This generator will do all kinds of cautery work for nose, throat, etc. Will operate miniature lamps, and buff on one end for polishing surgical instruments.

Price **$35.00**



A. C. Cautery Transformer

No. 38

This is adapted for use on the Alternating Current for general cautery work.

The current is controlled by a switch lever, operating over the circle of buttons, assuring perfect control of the current supplied to the cautery knife.

Diagnostic Lamps may also be operated with this Transformer, the strength of current is Regulated by Rheostat.

Price - $25.00

King Cautery Fluid Battery

No. 40

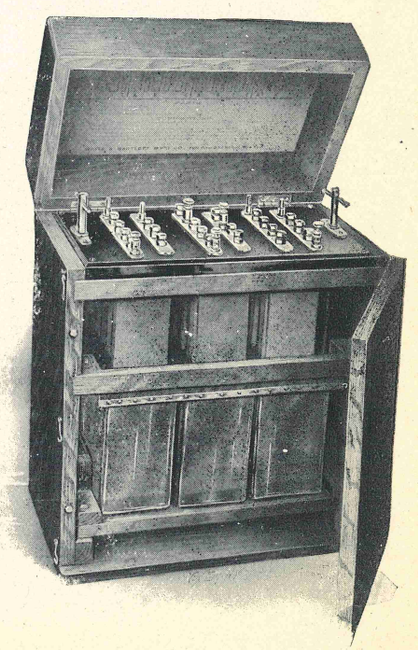
This battery is the most convenient apparatus for carrying that is made.

It contains three glass jars and three sets of large elements.

Will generate a current of heavy volume for general cautery work.

Will bring to a white heat a platinum wire five inches long and light any four volt lamps.

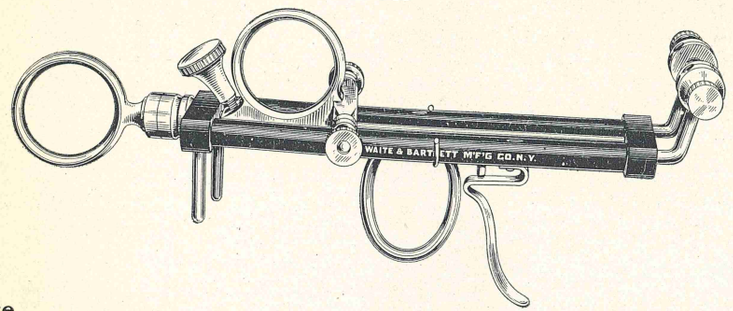
Price - $25.00



Cautery Accessories

Snare Cautery Handle

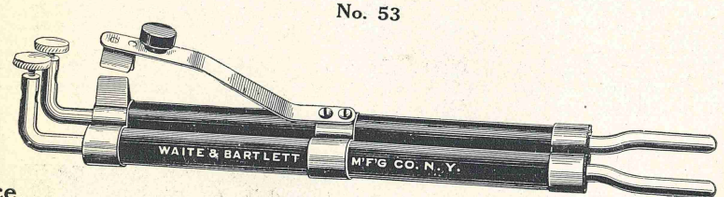
No. 148



Price ..... **$12.00 net**

Cautery Handle for Points and Knives

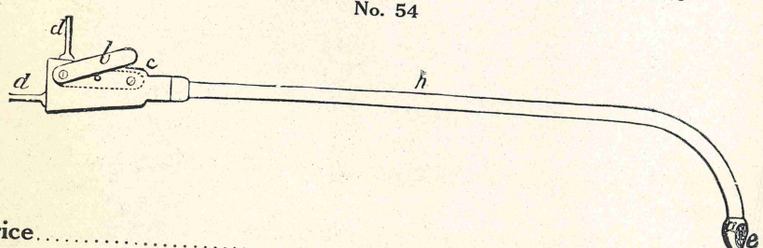
No. 53



Price ..... **$2.50 net**

Newman's Cautery Electrode for Enlarged Prostate

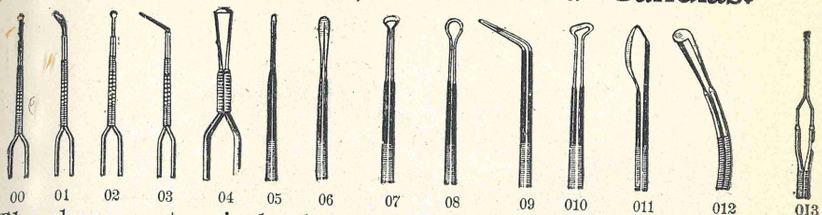
No. 54



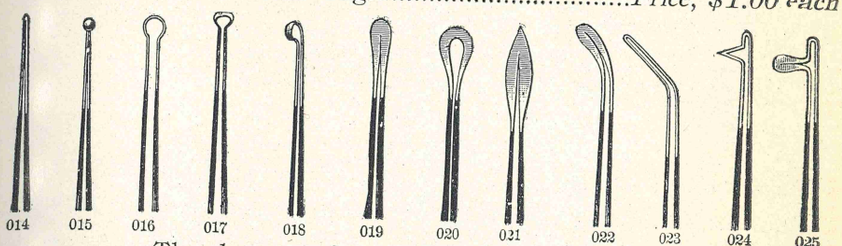
Price

Cautery Canula		**$3.00** net
"	Conducting Cord	**1.00** "
"	Bifurcated Cord	**2.50** "
"	Glass Cell	**1.00** "
"	Carbon	**.50** "
"	Zinc	**.50** "
"	Fluid	**.35** "
"	" Gallon	**1.10** "
"	" Half Gallon	**.60** "
	Quart	**.40** "

Cautery Knives, Points and Canulas.

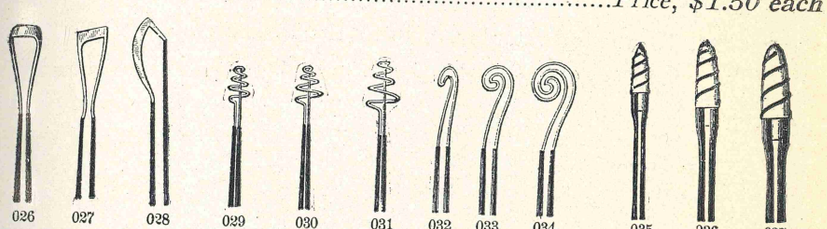


The above are two inches long..... *Price, $1.00 each*



The above are four and one-half inches long.

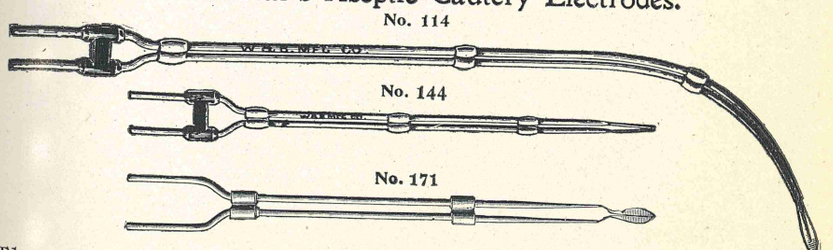
From 014 to 023..... *Price, $1.00 each*
From 023 to 034..... *Price, $1.50 each*



035, 036, 037..... *Price, $2.50 each*

Dr. Dessar's Aseptic Cautery Electrodes.

No. 114

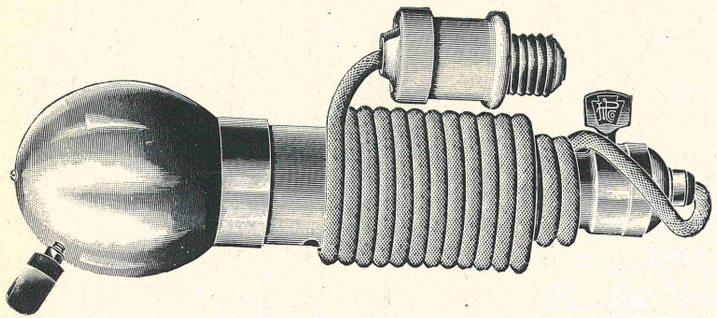


These Electrodes are metal finished, without the customary thread insulation, and can be dipped into an antiseptic solution without injury to the electrode.

Nasal Electrode..... *Price, $1.50*
Laryngeal..... *Price, $2.00*
Knife..... *Price, $1.50*

Dr. Harry F. Waite's Tissue Oscillator

FOR USE ON THE DIRECT OR ALTERNATING CURRENT



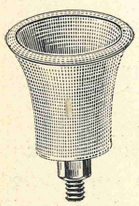
Price for Direct Current ..... **$25.00 net**
Price for Altenating Current ..... **30.00 "**

The instrument illustrated above, while exceedingly simple, is perfect in construction and will be found a very efficient one in covering the field where mechanical vibration is indicated.

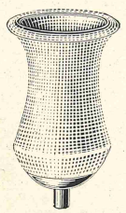
The rapidity of its vibrations exceed 5,000 per minute and can be graduated by the operator from 0 to the limit without stopping its action.

With the exception of the conducting cord connecting with the current, the entire instrument is in the hand of the operator, and the patient can be treated without change of position.

"Mechanical Vibration which properly includes two forms of application—spinal stimulation and vibra-massage—has established an important place in therapeutics which it is certain to fill to the advantage of suffering humanity."

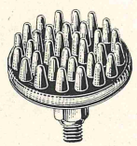


No. 182

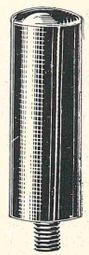


No. 183

No. 184



No. 185



No. 186

PRICES

No. 182	Soft Rubber Cone	**60c**
No. 183	" " "	**60c**
No. 184	" " "	**60c**
No. 185	" " Brush	**75c**
No. 186	Spinal Applicator	**50c**

Aseptic Massage Apparatus designed by Harry F. Waite, M. D.

No. 193

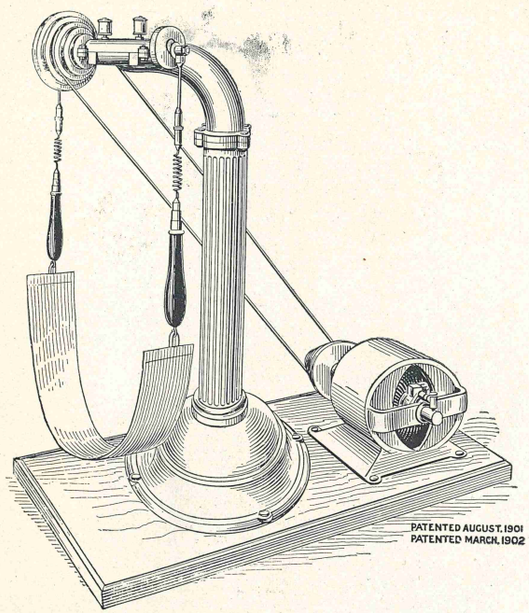
Price for Direct Current **$50.00**
Price for Alternating Current **55.00**

The Advantages we claim for this Unique Apparatus are: Glass electrodes are easily kept **Aseptic. Real Massage**—not vibration. **No jar** communicated to **hand** of operator. **Simplicity**, perfect control —**noiseless. Red cheeks** in a few minutes. Will clear up the skin in a short time. Can be used with an atomizer. **Durability**--guaranteed for one year.

When ordering, state Voltage if Direct Current; Voltage and Cycle if Alternating.

20th Century Tissue Oscillator

No. 194



Price for Direct Current **$150.00**

Price for Alternating Current **160.00**

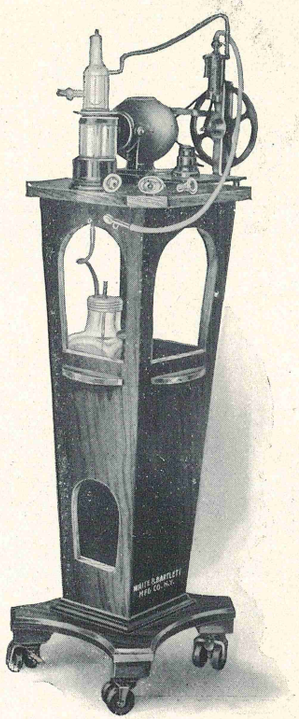
The essentials of this oscillator are two eccentrics mounted on a standard, adjustable to all desired strokes, and made to revole as slowly or rapidly as required to produce needed effects. There are three applicators: (1) A belt for general uses on the body; (2) A narrower belt for use about the head; (3) A hand-piece. In addition to these direct mechanical applications, means are provided for including faradic and other electric currents in the circuit at the wish of the operator.

This oscillator is in effect a means of inducing direct local exercise in the tissues of a part of the body which otherwise would remain inactive or out of balance with the normal energy of the body. For vibratory effects the shaft is provided with a universal fitting, so that any of the flexible shafts now in use may be attached to the Oscillator.

Ozone Generator and Small High Frequency Coil

TO OPERATE ON 110 VOLT DIRECT CURRENT

No. 190



Price **$75.00**

There is also attached to this apparatus a small pump for producing pressure, vibration or suction, using glass electrodes. We also make it up with a larger high frequency coil which would be suitable for X-Ray treatment of superficial conditions.

Price **$100.00**

Vacuum electrodes can be used the same as with any high frequency apparatus.

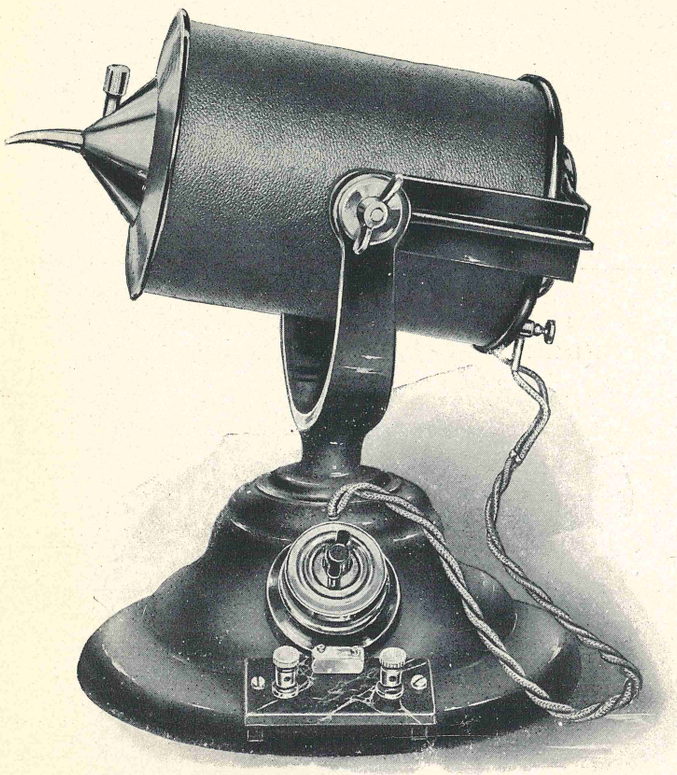
Portable Ozone Generator

We manufacture this apparatus to operate on either the direct or alternating current.

It is adapted especially for use in sick rooms and deodorizing and purifying the atmosphere in smoking rooms.

Price ..... **$50.00 to $75.00**

Large Eye Magnet



This magnet has a lifting power of approximately 400 lbs. to a square inch. Can be adjusted to any position.

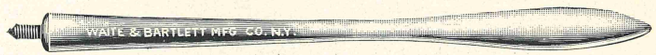
Price for 100 volt direct current or for batteries	.	**$60.00**
Price for 220 volt direct current	.	**63.00**
Price for 500 volt direct current	.	**65.00**
Price of graduated rheostat for 110-220 volt and battery circuits	.	**9.00**
Price for graduated rheostat 500 volt circuit	.	**12.00**
Price of graduated foot-controller for any circuit	.	**25.00**
Price for alternating current	extra	**50.00**

Rectal Electrodes

No. 162

Rectal Electrode, Nickel Plated.....**Price, 75 cts.**
Rectal Electrode of Pure Copper.....**Price, $1.00**

No. 163



Rectal Electrode, large, Nickel Plated.....**Price, $1.00**
Rectal Electrode, large, pure Copper.....**Price, $1.25**

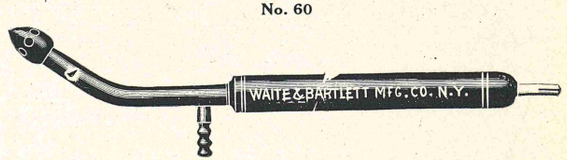
No. 164

Rectal Electrode with Hard Rubber Insulation.....**Price, $1.00**
Rectal Electrode with Hard Rubber Insulation, pure Copper, **Price, $1.25**

No. 165

Curved Rectal.....**Price, $1.50**

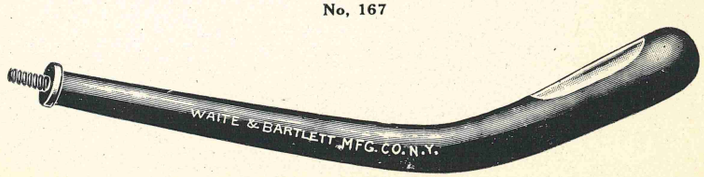
No. 60



Dr. King's Rectal Electrode, curved or straight..... **Price, $4.00 net**

Arranged so that an injection of a solution of Chloride of Sodium can be used, the current being distributed by the solution used for constipation or paralysis of the rectum.

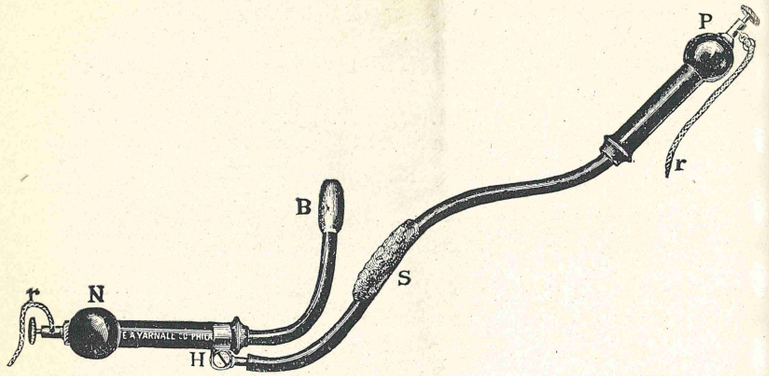
No, 167



Prostatic Electrode, a la Bowen. .....**Price, $3.00**

Rectal Electrodes

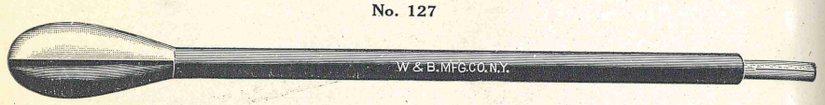
No. 138



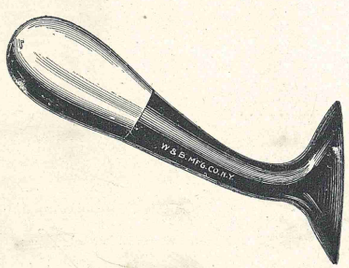
Prostatic Electrolyzer, Bi-Polar.....**Price, $5.00 net**
With Galvanic 6-Cell Battery and Cords.....**Price, $17.00 net**

The instrument is for use in reduction of hypertrophy of the prostate by means of the galvanic current from the negative pole.

No. 127



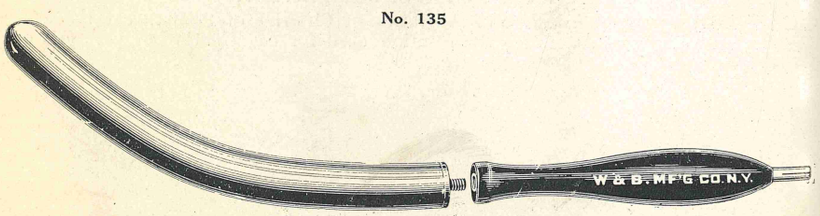
Rectal Electrode, bulb half insulated.....**Price, $2.00 net**



No. 128

Rectal Electrode, nickel plated.....**Price, $1.25 net**
" " pure copper..... " **1.50 "**

No. 135



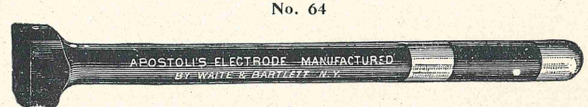
Dr. Pearlstien Sigmoid Rectal Electrode, of aluminum.....**Price, $2.00 net**

For use with faradic current in Prolaps and Catarrh of the Sigmoid, Prolapsus Ani, Internal Hemorroids, Prostatis and Hyperthopathy of the Prostate Glands, etc.; also with galvanic current in Stricture of the Rectum.

No 46.

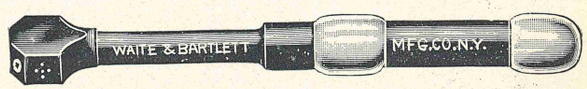
Gunning Bi-Polar Vaginal Electrode. It can be separated so that the conductors will be at any distance desired from each other. It is made of hard rubber and it is thoroughly antiseptic.
Price, $3.00 net

No. 64



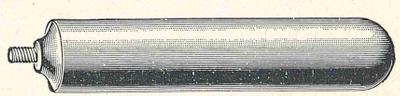
Apostoli's Bi-Polar Vaginal Electrode, for faradic current.
Price, $2.50 net

No 139.



Goelet's self-retaining Bi-polar Vaginal Electrode. The great advantage of this Electrode is that it does not require the aid of the hands to be kept in position. A boon to Gynæcologists.
Price, $2.50 net

No. 80

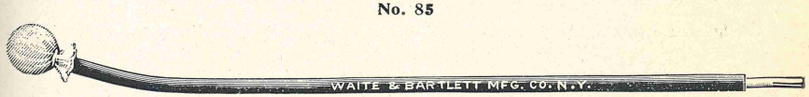


Vaginal Electrode.....***Price, 75 cts. net***

No. 83

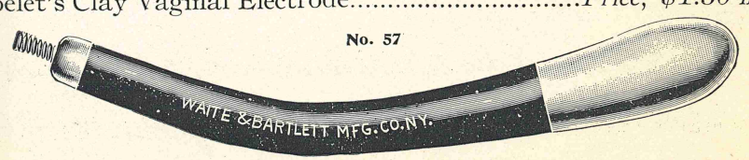
Metal Tipped Hard Rubber Electrode, for Vagina...*Price, $1.50 net*

No. 85



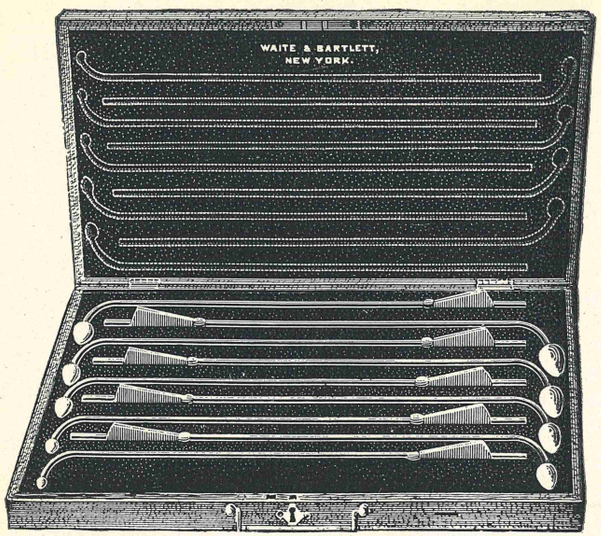
Goelet's Clay Vaginal Electrode.....*Price, $1.50 net*

No. 57



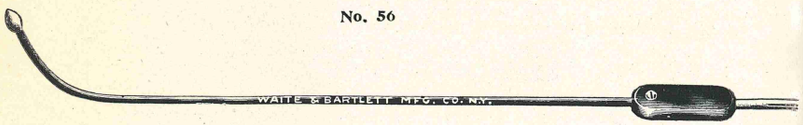
Curved Vaginal Electrode with insulation.....***Price, $1.25***

No. 55



Dr. Robt. Newman's Curved Sounds, in Case, Nos. 11 to 28.
Price, $15.00 net.

No. 56

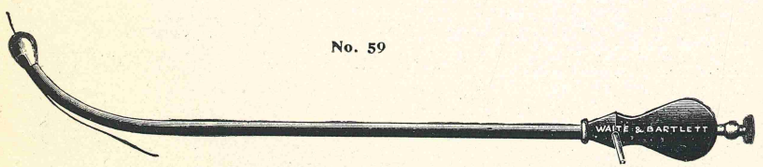


No. 58

Dr. Robert Newman's Curved and Straight Sounds for Electrolysis of Stricture, with Stationary Bulbs. All sizes furnished on order. Sizes from 9 to 32 French. All finished in polished Hard Rubber.

Price of No. 56, Curved, each,.....$1.25 net. No. 58, Straight, each,.....$1.00 net

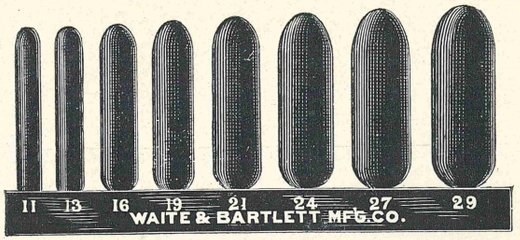
No. 59



Newman's Tunnelled Catheter Electrode.....*Price, $4.00 net*

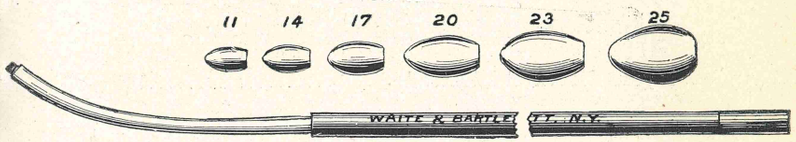
Intra-Uterine Electrodes

No. 67



Dr. Goelet's Intra-Uterine Electrodes for Metallic Electrolysis. Made from Copper, Tin or Zinc.....**Price, per set, $3.50 net**

No. 62



Dr. Fry's Intra-Uterine Electrode, for Stenosis

Price, $3.00 net; in Case, $4.00 net

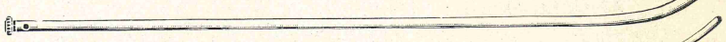
No. 65

Apostoli's Bipolar Intra-Uterine Electrode, for faradic current, **Price, $3.00 net**

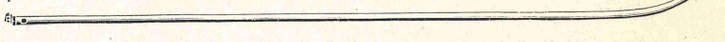
150

151

152

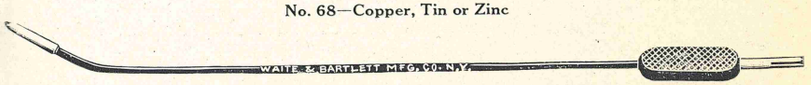


153



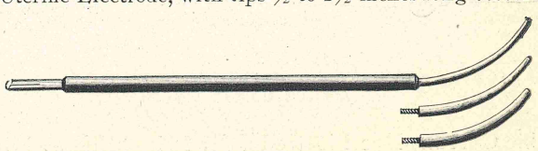
Aluminum Sounds..... **Price, 75cts. each; Set, $2.50**

No. 68—Copper, Tin or Zinc



Goelet's Intra-Uterine Electrode, with tips ½ to 2½ inches long .....**Price, $1.25 net**

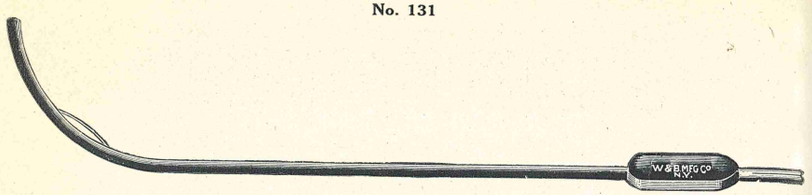
No. 84



Goelet's Intra-Uterine..... .... **3 stems, $1.50 net; 5 stems, $2,00 net**

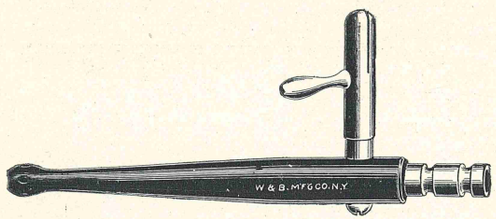
Urethral Electrodes

No. 131



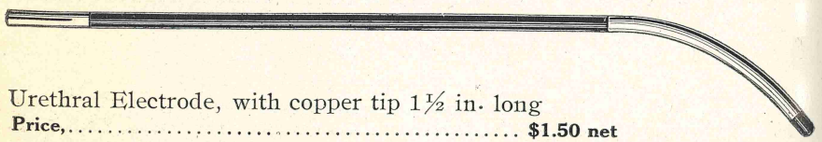
Modification Forts Stricture Electrolizer.....**Price, $2.50 net**

No. 132



Newman's Hydro Urethrel Electrode.....**Price, $3.50 net**

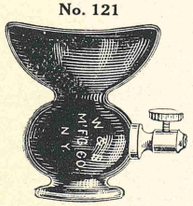
No. 137



Urethral Electrode, with copper tip 1½ in. long
Price,..... **$1.50 net**

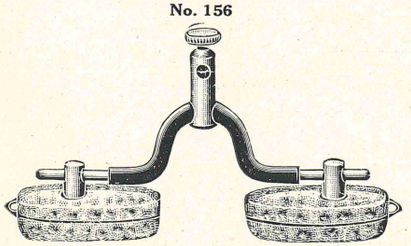
Eye Electrodes

No. 121



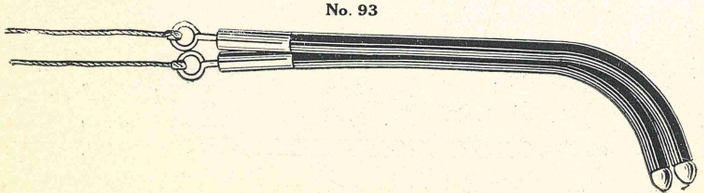
Eye Cup Electrode
Price, $1.25 net

No. 156



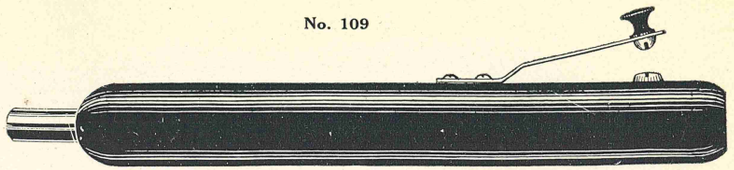
Double Eye Sponge Electrode. Adjustable. **Price, $1.25**

No. 93



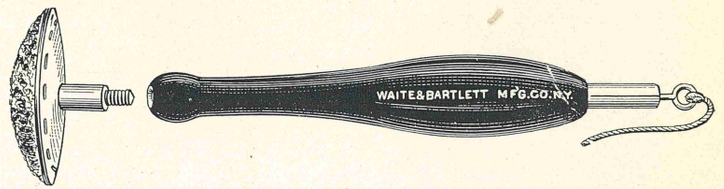
King's Double Current Eye Electrode, for Blepharitis and Trachoma
Price,..... **$2.00 net**

No. 109



Interrupting Handle . . . . . Wood, **50 cts., net**; Hard Rubber, **$1.50 net**

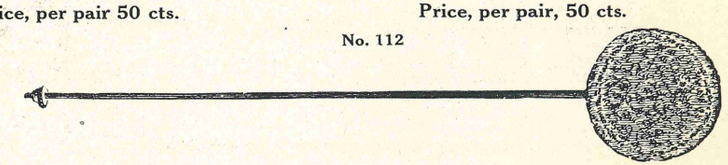
No. 90



Sponge Covered Disc
Price, per pair 50 cts.

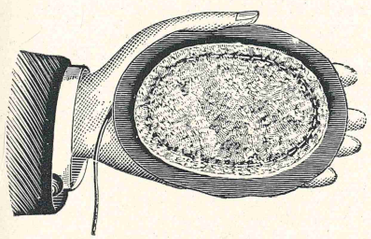
Universal Handle
Price, per pair, 50 cts.

No. 112

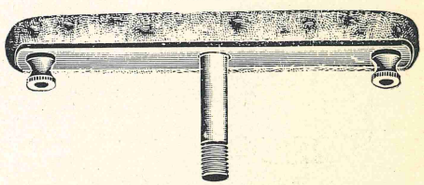


Long Stem Spinal Electrode.....**Price, $1.25 net**

No. 110

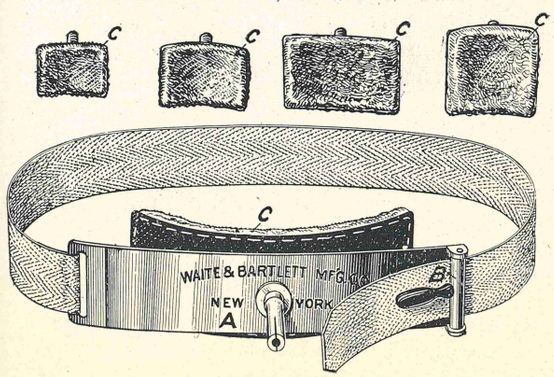


No. 157



Sympathetic Nerve.....**Price, $1.25**
Phrenic Nerve, smaller size..**Price, $1.00**

Flexible Hand Electrode, **Price, $1.00 net**



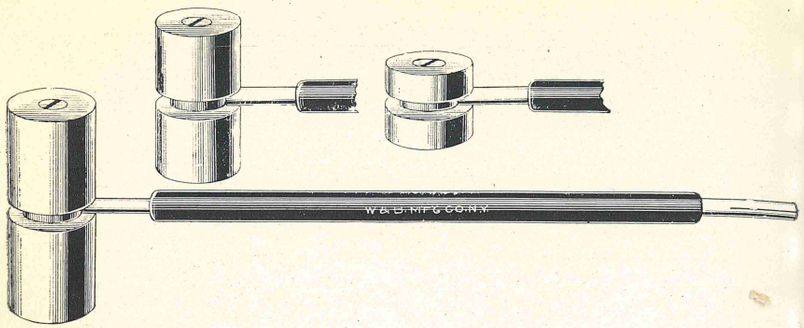
No. 124

Putnam's Head Electrode

Is an electrode particularly adapted to the use of the neurologist. It is held in place firmly by a belt and spring, that can be used on the head or any part of the body.

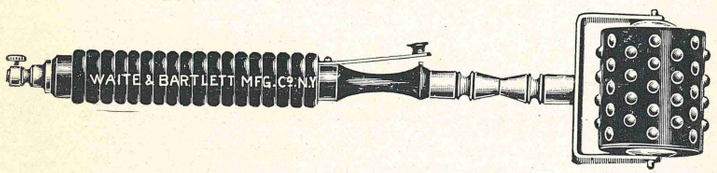
Price - $5.00

No. 118



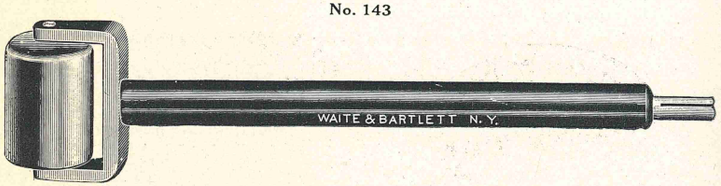
Roller Electrodes .....Small, **net $1.00**; medium **$1.25**; large, **$1.50 net**

No 142.



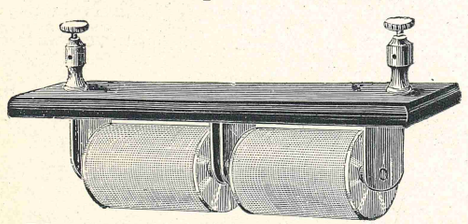
Wheel Electrode for Muscular Faradization.....**Price, $2.50 net**

No. 143



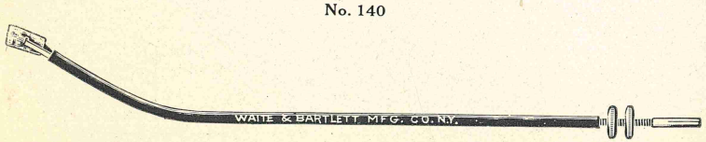
Roller Electrode for Facial Massage.....**Price, $1.50 net**

No. 91



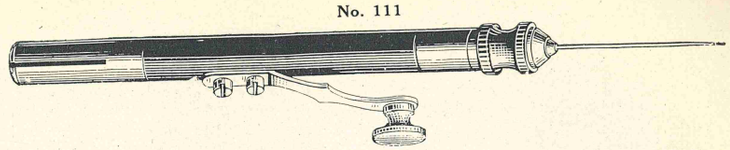
Piffard's Rolling Rheophore..As used by Dermatologists in Skin Excitation
Price.....**$2.00 net**

No. 140



Universal Electrode, for Throat.....**Price, $1.75 net**

No. 111



Needle Holder, with Connecting Spring.....**$1.00 net**

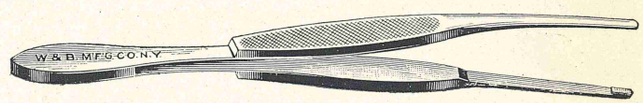
No. 100

Needle Holder.....**75 cts. net**

No. 125

Hemorrhoidal Needle Holder.—without needles.....**$1.25 net**

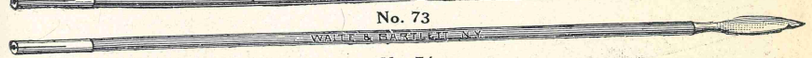
No. 126



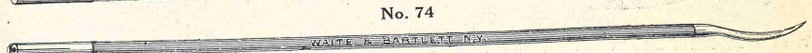
Epilation Forceps.....**50 cts. net**

No. 72

No. 73



No. 74

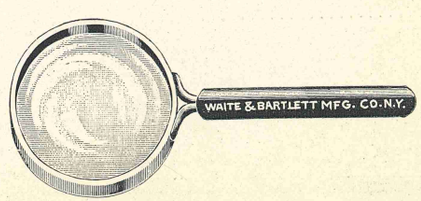


Pointed Needles, Hard Rubber Insulation. For Electrolysis of Fibroid Tumors, Straight and Curved Spear points and Trocar Pointed

Price, Steel Pointed,.....**each, $1.50 net**

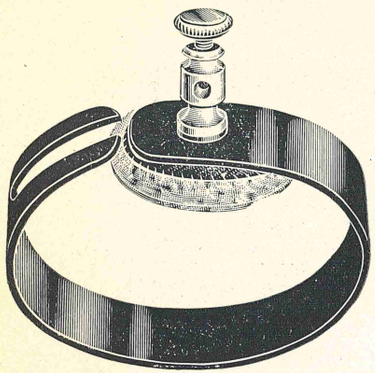
Needles for Epilation

Steel Broaches (sharp)	each	$ .05
Steel Broaches (sharp)	per dozen	.50
Hayes' Bulbous-pointed Steel Needles	each	.10
Hayes' Bulbous-pointed Steel needles	per dozen	1.00
Iridio Platinum	each	.25
Iridio Platinum	per dozen	2.50



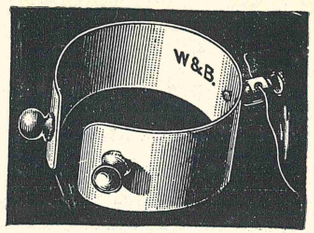
Magnifying Glass.....**Price, 75 cts.**

No. 154



Wrist Electrode . . . **$1.50 net**

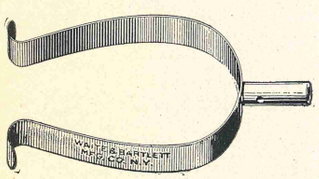
No. 92



Wrist Electrode
For Rubbing, Massage and Digital Diagnosis

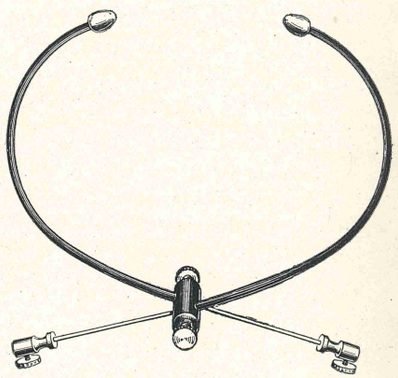
Price - 50 cts. net

No. 181



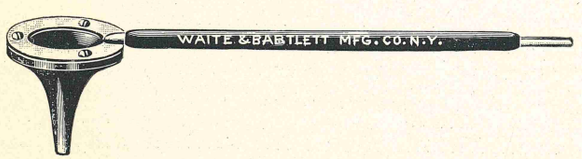
Wrist Electrode . . . **25 cts. net**

No. 116



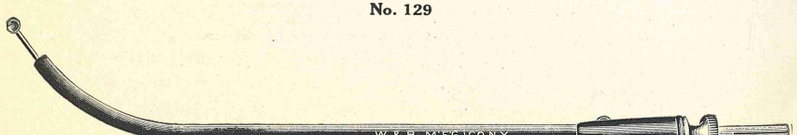
Bipolar Ear Electrode.....**$3.00 net**

No. 101



Ear Electrode.....**Price, $2.00 net**

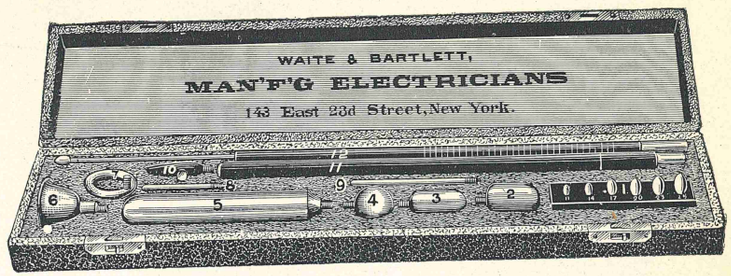
No. 129



Eustachian Electrode.....**Price, $2.50 net**

Viginal Electrodes

No. 61



Combination Gynecological Set

Price - $10.00 net

The above set comprises instruments devised and used by Drs. P. F. Munde, T. G. Thomas and A. D. Rockwell, of New York City, and Dr. Henry Fry, of Washington, D.C.

The Electrodes are useful in the treatment of stenosis, endometritis, ovaritis, chronic pelvic cellultitis, procedentia, displacements, and relaxed conditions of the vaginal walls.

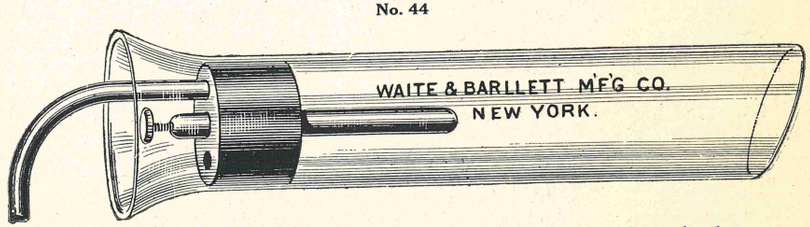
The advantages of this set are that all the attachments fit universal handles. The Fry Stenosis set has interchangeable tips from No. 11 to No. 28, French scale. The stenosis sound is flexible a distance of four inches, to allow for the various curves of the uterine canal, the remainder of the handle being rigid. It thus gives the operator a superior control of the electrode.

The vaginal electrode, ovarian ball point, uterine cup and needle holder, are all interchangeable on a rigid handle of extra length, thus making it a very effective and convenient uterine set.

Dr. Willard H. Rogers' Electrode for the Reduction of Fibroids

Vaginal Electrodes of Hard Rubber

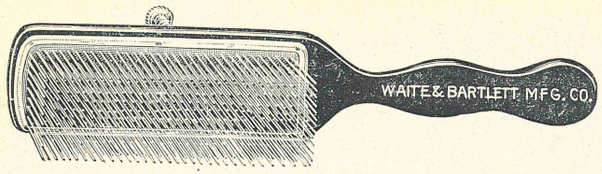
No. 44



With this instrument you can get a current of one hundred to one hundred and twenty-five milliamperes without causing an ulceration in the vagina or on the cervix, and with almost perfect comfort to the patient. It should be used in connection with a rheostat and milliampere, meter the former for increasing or diminishing the strength of the current, the latter for measuring the dose. A weak solution of bicarbonate of soda is used in the speculum.

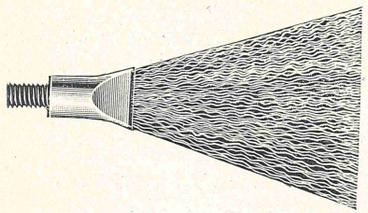
Price for set of 3.....**$7.50 net**

No. 113



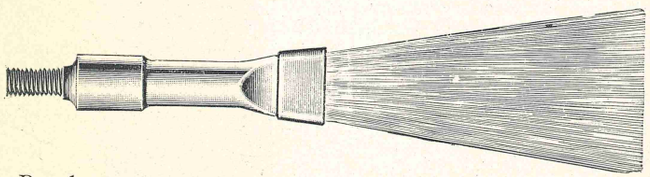
Hair Brush Electrode.....Price, 75 cts. net

No. 115



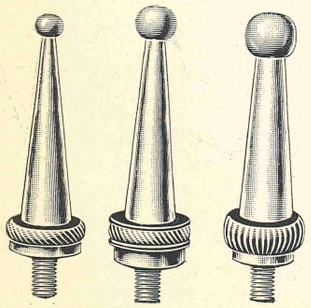
Wire Scourge.....Price, 75 cts. net

No. 159



Metallic Brush.....Price, $1.00

95 96 97



Motor Points

For treating single nerves

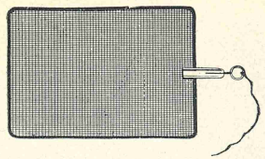
Price, 30 cts. each

No. 43

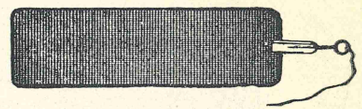
Metal Handles

Price, per pair, 60 cts.

No. 87

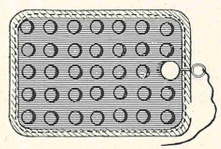


No. 88



Flexible Gauze Electrodes

Price of	2 x 3	$0.35 net
"	1½ x 8	.40 "
"	3 x 4	.35 "
"	3 x 5	.40 "
"	4 x 5	.45 "
"	5 x 7	.55 "
"	6 x 6	.60 "
"	6 x 8	.65 "
"	6 x12	.75 "
"	8 x12	1.00 "

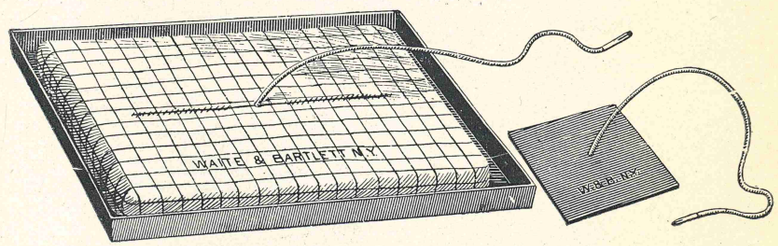


No. 89

George J. Englemann's Punk Electrode

Price, 6 x 8 - $3.00 net

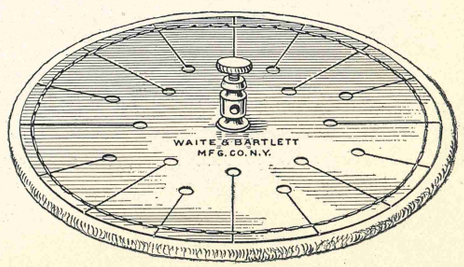
No. 75



Apostoli's Abdominal Clay Electrodes

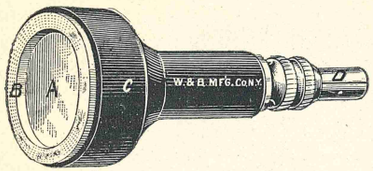
Complete with Zinc Tray, as shown.....Price, $2.25 net

No. 76

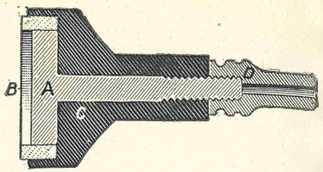


Felt Pad Electrode, Flexible.....Price, $1.50

Peterson's Improved Cataphoric Electrode



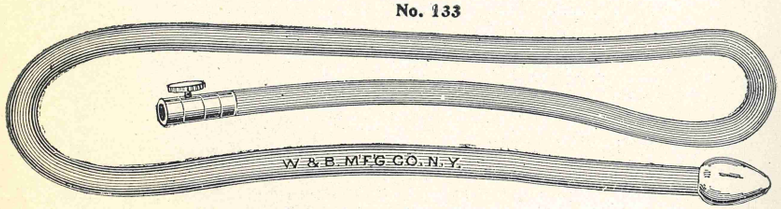
No. 107



Price - $3.00 net

This cut illustrates the new electrode. **A** is a disc, made of metal, that will not oxidize. The stem which passes through the hard rubber cover **C** is held in place by nut **D**. It also holds the tip for connecting with the battery. **B** is a soft rubber ring, which is held in place by **A**, and at the same time it insulates the skin from **A**, allowing the current to pass from **A** to the skin of the patient through the medicated paper contained in the cavity formed by **A** and **B**.

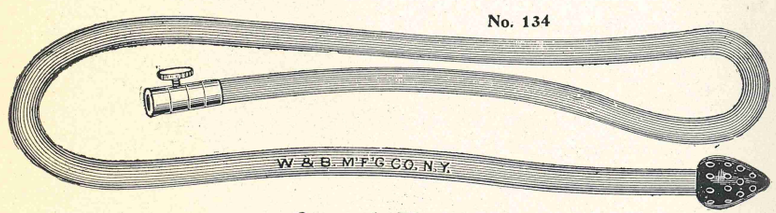
No. 133



Aesophageal Electrode

For the treatment of the Æsophagus and Æsophagoplegia. Furnished with 4 Olives, ⅜, ½, ⅝ and ¾ inch,.....$3.00 net.

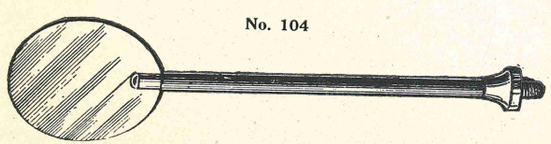
No. 134



Stomach Electrode

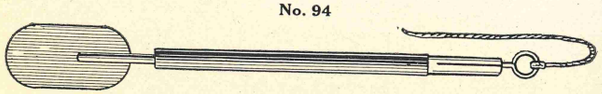
For the application of Galvanism or Faradism within Stomach.....$2.50 net.

No. 104



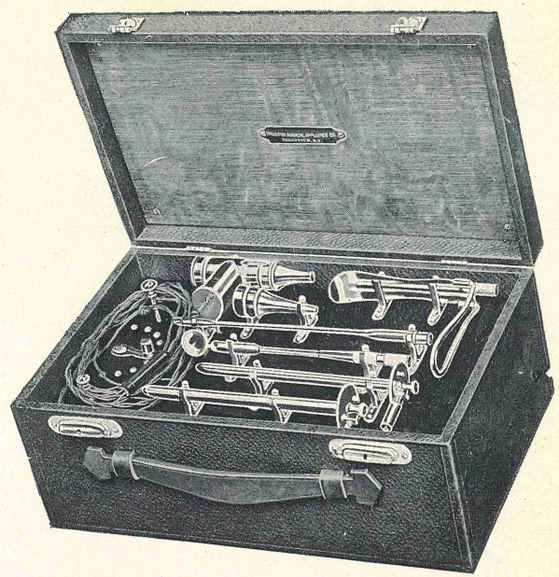
Tongue Plate.....**75 cts. net**

No. 94



King's Nasal Electrode, for Hypertrophic and Atrophic Catarrh .....**Price, 75c. net**

Physician's General Diagnostic Outfit

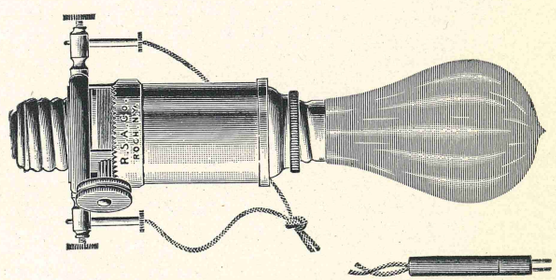


No. 172

Price complete - $40.00

Current Controller

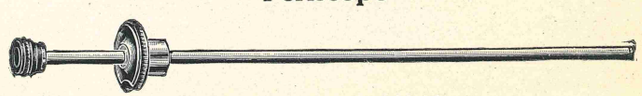
No. 173



Price - $10.00

Periscope

No. 195



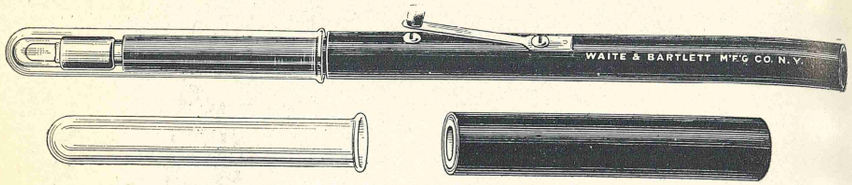
Price - $10.00

This System of lenses can be used with any of the "BRANSFORD LEWIS" male Ureter-Cystoscopes, or with the style B "R. S. A. Co." male Cystoscope.

These Lenses give a natural view of a field *one and one-quarter inches* in diameter, at a focal distance of one and one-quarter inches.

Dr. Coakley's Trans-Illumination Apparatus
with Lamp and Tubes

No. 149



Price Complete with Conducting Cords - $5.00 net
" Extra Lamps - - - - - 1.00 "
" Glass Tubes - - - - 3 for 25 cts.

ADVANTAGES

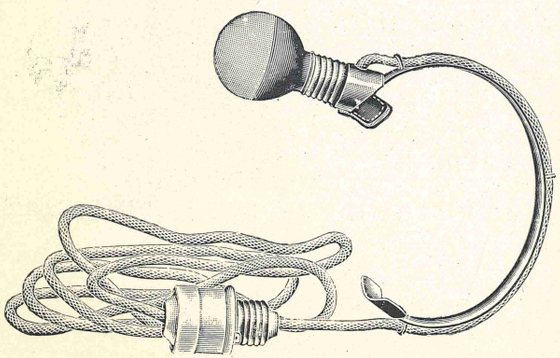
The easy method of regulating the light.

The small size of the frontal tip which makes it possible to illuminate frontal sinuses more advantageously, in order that diseased conditions can be determined. These conditions are apt to be overlooked when large tips are used.

The ease by which the glass tubes are sterilized by boiling, obviating all danger of carrying infection from the mouth of one patient to another. The glass tubes are three in number, their purpose being to slip over the lamp when inserted in the mouth for examination of the maxillary antra.

The apparatus is intended to be used in connection with a rheostat so that the light may be regulated to suit the thickness of the bony walls or the pathological changes in individual cases.

20th Century Head Light



Connects directly with the Electric Light Circuit, having eight feet of cable.

Differs from all other head lights in that there are no rings of light.

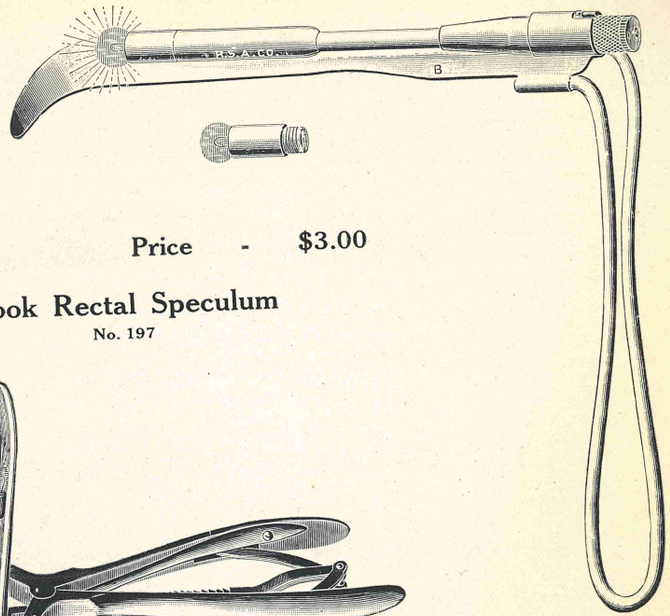
No **IMAGE** of the **FILAMENT** on the surface to be examined.

It gives a **UNIFORMLY** illuminated field which is **MOST** important when examining Mucous Membrane.

Price - $5.00

Tongue Depressor

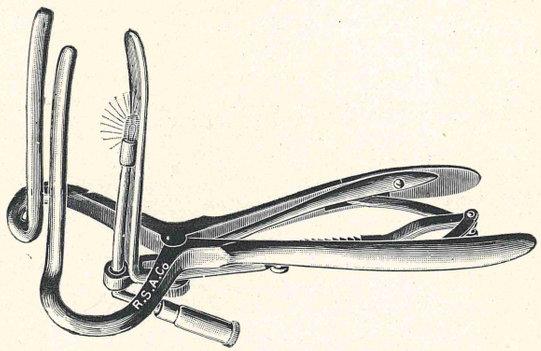
No. 196



Price - $3.00

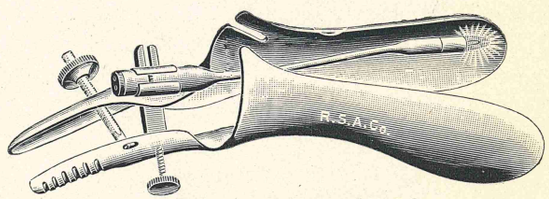
Cook Rectal Speculum

No. 197



Price - $10.00

"De Vilbiss" Vaginal Specula

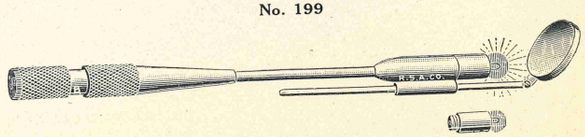


No. 198

Price - $4.00

Laryngoscope

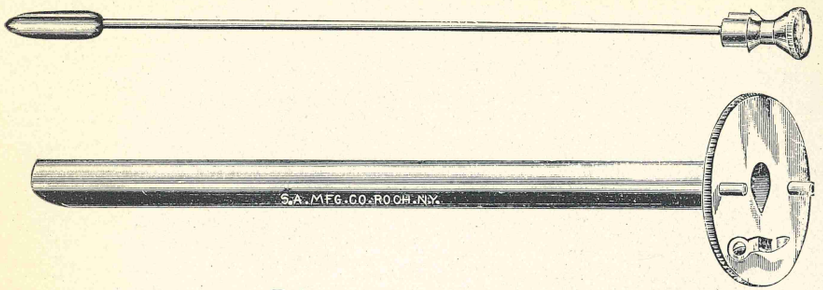
No. 199



Price - $3.00

Urethral Endoscope

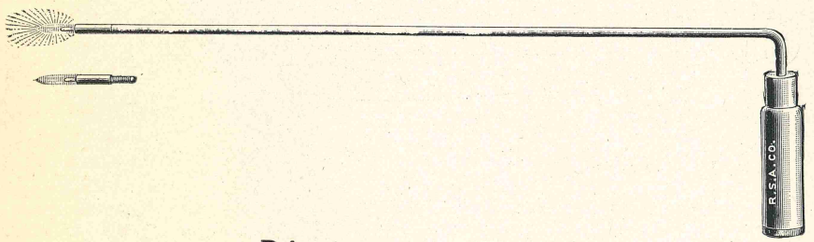
No. 200



Price - $3.50

Light Carrier for Urethral Endoscope

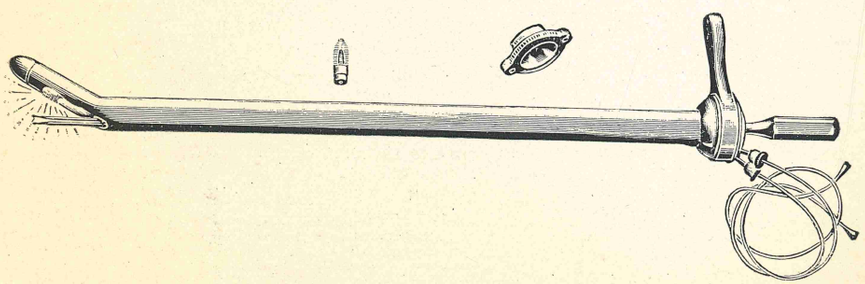
No. 201



Price - $2.25

Double Male Ureter—Cystoscope

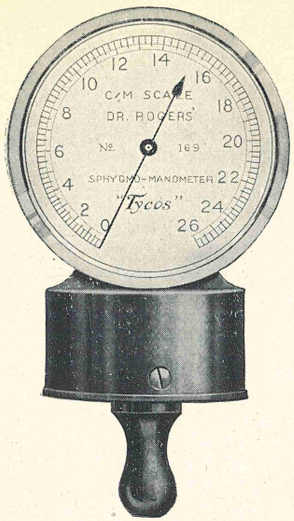
No. 202

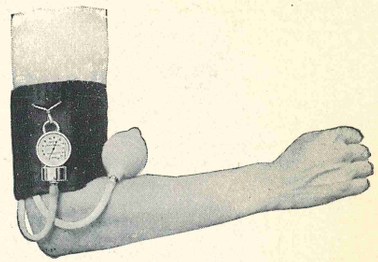


Price - $38.00

Sphygmo Manometer

No. 197





Most Convenient Means for Ascertaining the Blood Pressure

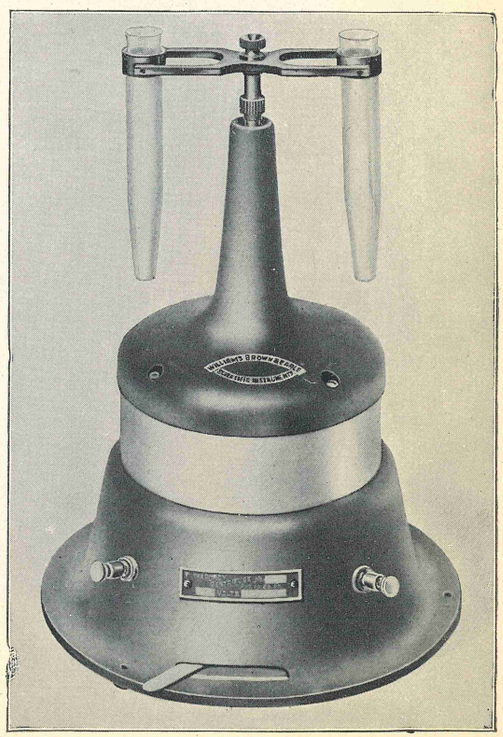
Price - - $25.00

Purdy Centrifuge No. 3P

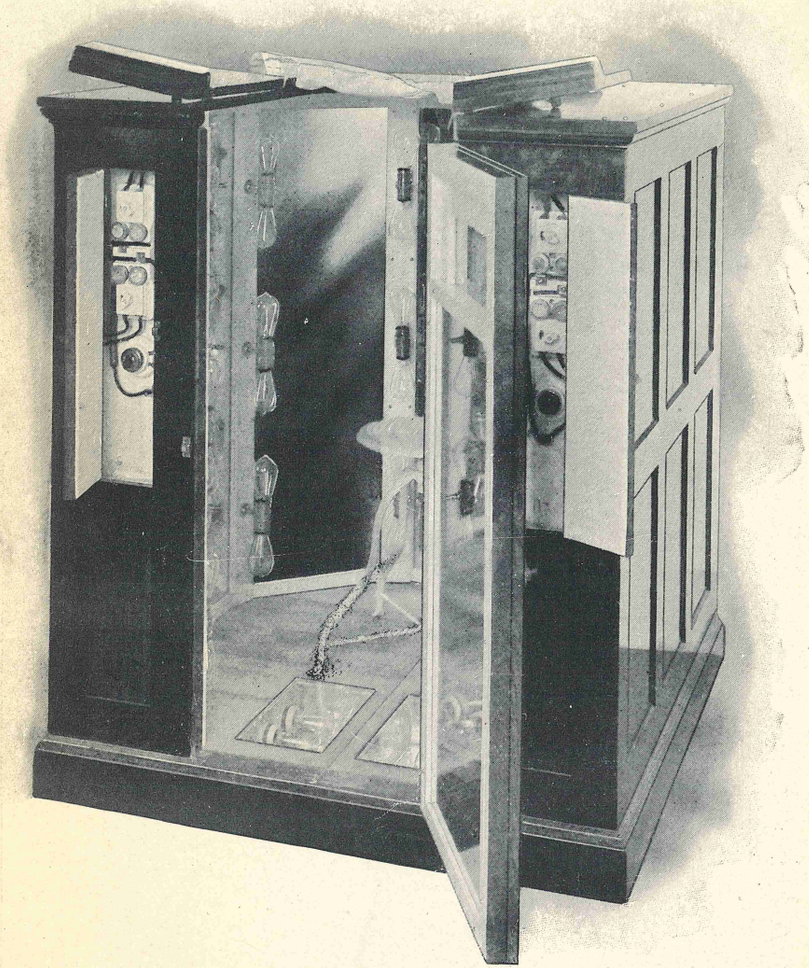
No. 192

No. 3 P. Purdy Electric Centrifuge for examination of urine with urine arm carrying two tubes, two plain glass sediment tubes K and two graduated percentage tubes D.

Price - $32.00



ELECTRIC LIGHT BATH CABINET



Price **$250.00**

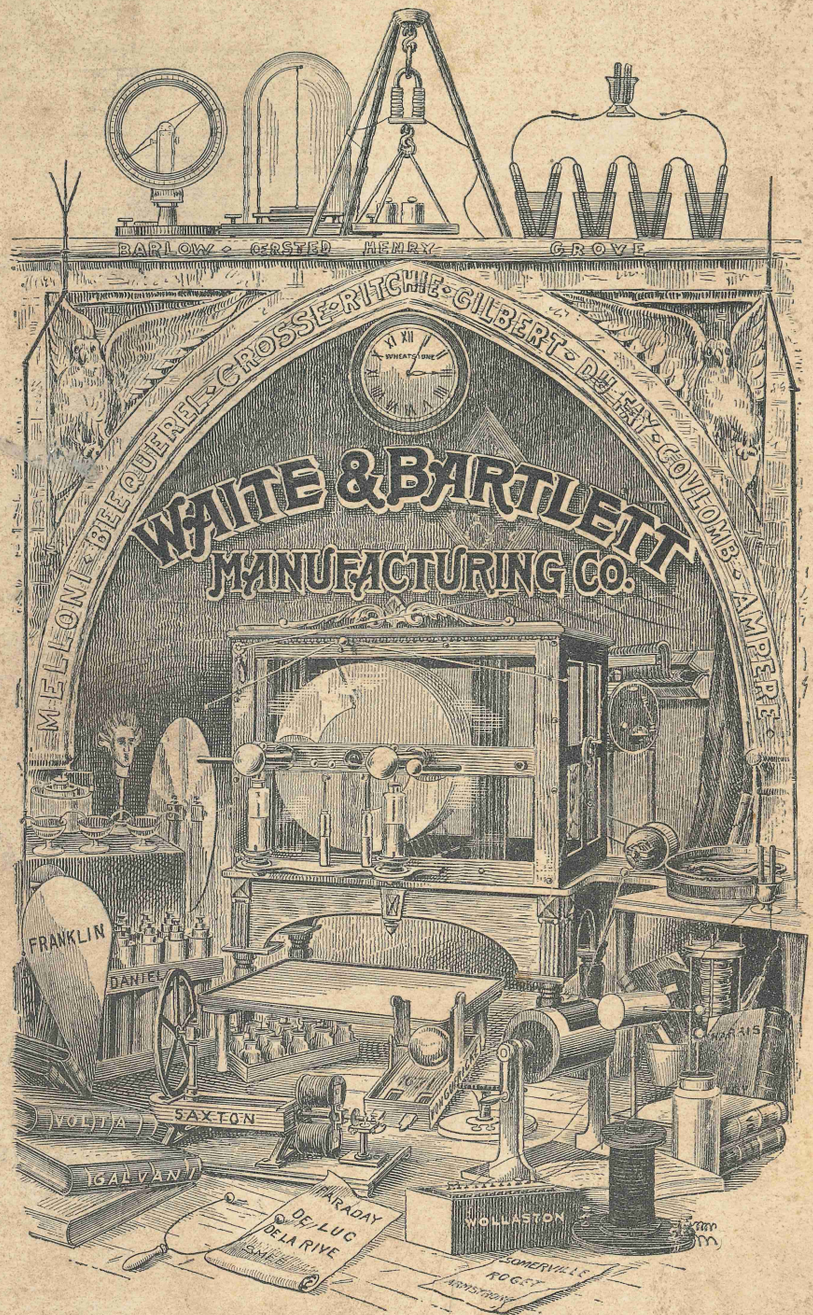
This is the most complete cabinet on the market, occupies floor space 43" square, height 54".

Lamps are set in vertical rows between mirrors, 48 in number, six in each row. There are eight French Plate glass mirrors 13 in. x 42 in. Glass panel in door so that you can look inside of the cabinet. Door 20 in. wide. Foot warmer has independent circuit so that it can be used without using the lamps. Top perfectly smooth making it easy to clean. All wires are in iron conduits. Cabinet made in two halves so that it will easily pass through a narrow door, each half is wired separately, there being no wires to disconnect. Compartments containing fuses and switches are lined with heavy asbestos. All wires are of safety, seamless, navy, standard style. Fittings nickle Plated. Four separate circuits each controlled by separate switches. An adjustable stool of white enamel metal, wood work of oak.

Waite & Bartlett M'f'g Co.

TRADE MARK

New York.



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